

# DEWITT SCOTT CHAVEZ PONCE

Full Stack Developer · UX/UI Designer

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## PROFESSIONAL SUMMARY

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Software Engineer with 5+ years of experience delivering front-end and full-stack solutions across fintech, logistics, e-commerce, and education. Currently at Ravn, building AI-powered internal tools and client-facing products across web, mobile, and desktop. Proficient in React, Next.js, React Native, and Node.js, with a strong focus on scalable UI architecture, clean API design, and usability-driven development. Experienced in AI-assisted workflows including LLM integrations, multi-agent systems, and gRPC-based desktop applications. Recognized for taking ownership across the full stack and delivering polished, production-ready products.

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, C#, Java

**Frameworks & Libraries:** React, Next.js, Node.js, Express, React Native, GraphQL, Zustand, React Query, Mantine, TailwindCSS, Drizzle, Shadcn, Zod, Hono, Vite, Spring

**Databases:** MongoDB, PostgreSQL, SQL

**AI & Dev Tools:** Claude Code, Agent OS, Opencode, Claude Design, Google Stitch

**Tools & Platforms:** Figma, PM2, Nginx, Unity, Vercel

## WORK EXPERIENCE

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### Software Engineer – AI Labs Development · Ravn Internal Projects Feb 2026 – Present

**Technologies:** React, TypeScript, Hono, Claude, Agent OS, TanStack Start, Express, PNPM, Drizzle, Zod

Designed and built a suite of AI-powered internal tools using spec-driven development, sub-agent orchestration, and LLM integrations. Projects ranged from intelligent candidate-matching systems to real-time decision-support dashboards, directly reducing manual review time for clients.

- Architected multi-agent pipelines using Agent OS and Claude for automated candidate screening and smart recommendations
- Ran iterative UI design cycles with Claude Design and Google Stitch, cutting design-to-code turnaround in half
- Integrated LLM tooling end-to-end — prompt engineering, API plumbing, streaming responses, and frontend rendering

### Software Engineer – Sport Planner Mobile App · Ravn's Client Jul 2025 – Jan 2026

**Technologies:** React Native, Expo, Yarn

Extended a React Native application used by sports teams to manage players, schedules, and resource allocation. Focused on interaction polish and UI quality to reduce friction for non-technical coaching staff.

- Rebuilt modal flows and core navigation patterns, improving feature discoverability for non-technical users
- Delivered pixel-perfect components from Figma handoff with consistent behaviour across iOS and Android

### Software Engineer – Audio Driver Desktop App · Ravn's Client May 2025 – Jul 2025

**Technologies:** React, Electron, TypeScript, Zustand, Vite, gRPC, Yarn

Built a cross-process Electron desktop application integrating gRPC services to control and configure audio hardware on Windows. Bridged native audio capabilities into a polished React UI, including advanced 7.1 surround sound channel management.

- Integrated gRPC service layer with the React/Electron frontend to handle real-time audio filter configuration
- Engineered an AI-assisted bridge to intelligently route and mix 7.1 surround audio channels
- Designed and implemented the full UI for audio settings, filter controls, and channel visualisation

### Software Engineer – Sports Analytics App with AI · Ravn's Client Jun 2025 – Jul 2025

**Technologies:** React Native, Google Gemini, TypeScript, Zustand, Node.js

Built a React Native mobile application enabling coaches to analyse game records and player images using AI to surface potential plays and tactical insights. Focused on prompt quality and data accuracy to make AI outputs actionable.

- Refined Gemini image-analysis prompts to significantly improve the precision and relevance of AI-generated insights
- Integrated multimodal AI pipeline accepting both structured records and raw images as input
- Resolved UI bugs and improved component responsiveness across different screen sizes

### **Software Engineer – Financial Investment Platform · Ravn's Client** Dec 2024 – May 2025

**Technologies:** *React, Express, TypeScript, Zustand, TailwindCSS, Node.js*

Built a full-stack investment platform with real-time stock tracking, portfolio analysis, and an AI-powered chat assistant. Owned both frontend architecture and backend services, ensuring secure and performant data delivery end-to-end.

- Integrated AI chat with streaming responses for real-time financial Q&A directly within the dashboard
- Built authentication, chat history persistence, and secure profile management endpoints from scratch
- Connected live stock and financial news feed widgets via third-party market data APIs
- Developed interactive chart dashboards for portfolio performance tracking and forward projection visualisations

### **Software Engineer – Unified Calendar App · Ravn's Client** Sep 2024 – Dec 2024

**Technologies:** *React, FullCalendar, TypeScript, Node.js*

Developed a unified calendar interface consolidating events from Google Calendar and Microsoft Outlook into a single view. Solved complex sync challenges around recurring events and multi-timezone support for distributed teams.

- Integrated Google Calendar API and Microsoft Graph API with full OAuth flows for seamless cross-platform sync
- Handled edge cases in recurring event logic, time zone conversions, and shared calendar permissions
- Delivered filtering, colour-coding, and source-tagging features to help users manage high event volumes

### **Software Engineer – Logistics Platform · Ravn's Client** Apr 2024 – Jun 2024

**Technologies:** *React, Resend, React Email, GraphQL, Mantine, Zustand, TypeScript, PNPM*

Translated Figma designs into production-ready UI for a logistics SaaS platform, covering both the web interface and the transactional email system. Worked closely with designers to maintain design system consistency at scale.

- Converted detailed Figma mockups into responsive, accessible React components across the platform
- Built a reusable email template library using React Email and Resend for transactional communications
- Audited and resolved layout inconsistencies across the design system, improving overall visual coherence

### **Software Engineer – Mortgage Calculator Apps · Ravn's Client** Feb 2024 – Aug 2024

**Technologies:** *Figma, React, TypeScript, GraphQL, PNPM*

Designed and developed two financial planning tools — a debt consolidation calculator and a retirement fund projector. Prioritised simplicity for non-financial users while delivering accurate, data-driven outputs.

- Led UX design in Figma, reducing input complexity through progressive disclosure and smart form defaults
- Built dynamic chart dashboards showing amortisation schedules and long-term retirement projections
- Delivered an interactive simulation mode allowing users to compare multiple financial scenarios side by side

### **Front End Engineer – Mortgages App · Ravn's Client** Nov 2023 – Jan 2024

**Technologies:** *Vite, React, PNPM, GraphQL*

Contributed to a mortgage resource application, implementing multi-step forms and integrating client-facing APIs. Worked within an established codebase to deliver new form flows reliably and on schedule.

- Built and validated complex multi-step mortgage forms connected to client APIs
- Ensured data integrity across form steps with robust validation and error-handling patterns

### **Front End Engineer – Resource Management App · Ravn Internal Project** Oct 2023 – Nov 2023

**Technologies:** *Vite, React, PNPM, GraphQL*

Contributed to an internal resource management tool, building filtering interfaces and an interactive timeline view. Collaborated closely with the team on design proposals and component delivery.

- Implemented advanced filtering and an interactive slot timeline for resource scheduling
- Proposed UI improvements adopted by the team; resolved component bugs across the application

### **Full Stack Developer · LogisticsOne** Jan 2022 – Oct 2022

**Technologies:** *Next.js, TailwindCSS, JavaScript, Node.js, MongoDB, Nginx, PM2*

Joined as the primary full-stack engineer to design and build an inventory management and reporting platform from scratch. Also led the infrastructure effort to migrate the company's web applications to a self-hosted cloud server.

- Architected a multi-application proxy server using Nginx, PM2, React, Next.js, and MongoDB
- Led the team that provisioned, deployed, and launched the full production infrastructure
- Created the company-wide design system and designed the marketing landing page in Figma

## Front End Developer · Soluciones Integrales Easy S.A.C Nov 2021 – Mar 2022

**Technologies:** *Next.js, TailwindCSS, JavaScript, Node.js*

Contributed to a logistics web application as part of a small agile team, implementing new features and improving application performance in collaboration with backend developers.

- Reduced Next.js API response time from 7 s to under 1 s by introducing server-side response caching
- Implemented new UI components and mobile screens in close collaboration with the design team

## Front End Developer · Panbox Jul 2021 – Nov 2021

**Technologies:** *React, React Native, React Router, TailwindCSS, Node.js*

Built and maintained features for a fast-growing e-commerce platform and its companion React Native mobile app, delivering improvements under tight sprint timelines in direct collaboration with the product team.

- Developed and debugged React and React Native features across web and mobile surfaces
- Proposed and prototyped mobile UX improvements based on stakeholder feedback and user testing

## Trainee Front End Developer · Universidad Nacional de San Agustín Jun 2020 – Dec 2020

**Technologies:** *React*

Designed and built the institution's public-facing website as part of a digital transformation initiative. Also provided support to faculty in adopting online learning tools during the transition to remote education.

- Delivered a fully responsive, React-based website for the university's public information portal
- Conducted workshops training teaching staff on LMS tools and virtual classroom best practices

## PUBLICATIONS

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### Author / Co-author — Physics Mobile Learning App Jul 2018 – Dec 2020

"Design Thinking in the Improvement of Usability of Physics Mobile Educational Application" — Author (Springer, 2021)

"Mobile application based on design thinking for teaching kinematics" — Co-author

## EDUCATION

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### Bachelor of Science, Systems Engineering

Universidad Nacional de San Agustín de Arequipa · Mar 2011 – Dec 2019

## CERTIFICATIONS — ANTHROPIC / CLAUDE

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- AI Fluency: Framework & Foundations — Mar 30, 2026
- Building with the Claude API — Apr 1, 2026
- Claude 101 — Mar 30, 2026
- Claude Code in Action — Mar 30, 2026
- Claude with Amazon Bedrock — Apr 2, 2026
- Claude with Google Cloud's Vertex AI — Apr 7, 2026
- Introduction to Agent Skills — Apr 1, 2026
- Introduction to Model Context Protocol — Apr 1, 2026
- Introduction to Subagents — Apr 1, 2026
- Model Context Protocol: Advanced Topics — Apr 1, 2026

## LANGUAGES

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Spanish — Native    English — B2 Upper-Intermediate    EF SET Certificate

## PERSONAL PROJECTS

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### Personal Website Portfolio

<https://devvitt-site.vercel.app>

A fully custom portfolio built to showcase projects and writing, designed from scratch with a focus on performance, accessibility, and fluid micro-interactions. Serves as both a personal brand touchpoint and a live technical demo.

- Achieved an average 98/100 score across all Google Lighthouse categories (Performance, Accessibility, SEO, Best Practices)
- Implemented smooth micro-interactions and page transitions using Framer Motion
- Deployed on Vercel with automatic CI/CD from GitHub; optimized images and React components for Core Web Vitals

## **Realtime Chat App**

<https://chat-app-taupe-nine.vercel.app>

A fully type-safe, real-time chat application built on the T3 stack. Built to explore end-to-end type safety across the full stack and production deployment patterns with minimal configuration.

- Built with Next.js, tRPC, Prisma, NextAuth, TailwindCSS, and Zod — fully type-safe from database to UI
- Integrated MongoDB Atlas for cloud persistence and NextAuth for OAuth-based authentication

## **Blog Site**

<https://devvitt-blog.vercel.app>

A content-focused blog built with Next.js App Router and Ghost CMS as a headless backend. Built to learn React Server Components, server-side rendering strategies, and SEO optimization in a real publishing context.

- Used React Server Components and Next.js route handlers for fast, SEO-optimised server-side rendering
- Integrated Ghost CMS via API, enabling content management without touching code

## **Virtual Gallery Web App**

<https://art-gallery-opal.vercel.app>

An experimental web experience embedding a Unity 2D interactive art gallery inside a React application. Explored WebGL embedding, asset optimization, and cross-framework communication between React and Unity.

- Embedded a Unity WebGL build into a React app using iframe bridging and message passing
- Optimized Unity materials and texture atlases to reduce initial load size significantly

## **AI Image Generator**

<https://stable-difussion-image.vercel.app>

A full-stack AI image generation tool integrating Stable Diffusion with automatic HD upscaling via Cloudinary. Built with a focus on secure API handling and a clean, fast user experience.

- Integrated Stable Diffusion API for text-to-image generation with Cloudinary HD upscaling pipeline
- Built a Next.js API proxy layer to keep third-party API keys server-side and prevent client-side exposure
- Deployed on Vercel with environment-based secrets management and edge-optimized image delivery