

MARTIN RUPERT BULQUERIN

Senior Software Engineer (Full-Stack / SaaS)

Philippines | +63 951 479 7997 | rupert2133@gmail.com | <https://rupertbulquerin.github.io>

SUMMARY

Senior Software Engineer with 9+ years of experience architecting and delivering scalable SaaS platforms, web applications, and mobile solutions. Deep expertise in full-stack development using TypeScript, Node.js, and modern frontend frameworks (React, Svelte/SvelteKit). Hands-on experience integrating LLMs and AI-powered agents into production systems to automate workflows and drive operational efficiency. Passionate about building robust, maintainable software — from database design through deployment.

TECH STACK

Languages: TypeScript, JavaScript, Java, Dart, SQL, HTML/CSS

Frontend: React, Svelte 5, SvelteKit, Flutter, React Native, Tailwind CSS, Material UI, Redux

Backend: Node.js, Express.js, REST APIs, GraphQL, WebSockets, Prisma ORM

Databases: PostgreSQL, MongoDB, MySQL, Firebase (Firestore / Realtime DB)

AI & Integrations: OpenAI API, Anthropic Claude API, LLM Agent Architectures

DevOps & Tools: Git, GitHub, Vercel, Docker, Google Cloud Platform (GCP), CI/CD Pipelines

EXPERIENCE

XtendOps Philippines

Senior Software Development Engineer II | Feb 2020 – Present

- Led end-to-end development of internal platforms including mobile apps (iFix, XtendOps Rewards) and web-based systems that streamlined daily business operations across departments

- Architected and shipped scalable web applications and SaaS-style client solutions using TypeScript, React, Node.js, and PostgreSQL
- Designed and implemented AI-powered Smart Agents leveraging OpenAI and Anthropic Claude APIs to automate repetitive workflows, reducing manual processing overhead
- Built and maintained RESTful and GraphQL APIs with real-time capabilities via WebSockets, supporting high-concurrency use cases
- Drove frontend architecture decisions across projects, implementing component-based design patterns with React and Svelte for improved reusability and maintainability
- Optimized database queries, API response times, and overall application performance through profiling, indexing strategies, and codebase refactoring
- Mentored junior developers on best practices in code structure, version control workflows, and modern JavaScript/TypeScript patterns

Spring Valley Tech Corp.

Mobile Developer | Nov 2017 – Jan 2020

- Developed and delivered multiple mobile applications across enterprise, utility, and gaming domains using Java and Dart (Flutter)
- Shipped key projects: iProtech (v1 & v2), WeAreAyala (HCX), Remarkable Roxas, Shutl, Nex.Ux
- Built responsive, performant mobile interfaces with optimized rendering and smooth navigation for Android platforms
- Integrated REST APIs and third-party SDKs for authentication, push notifications, and analytics
- Collaborated directly with stakeholders and design teams to translate business requirements into production-ready features

OpenPort Inc.

Junior Developer | Oct 2016 – Apr 2017

- Maintained and enhanced Java-based backend applications and internal web systems
- Supported API development, data integration, and production issue resolution across internal tooling

Filamer Christian University

IT Instructor (Part-Time) | Jun 2015 – Mar 2016

- Taught Computer Fundamentals, Java, C#, Database Management Systems, and Animation
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VENTURES

Nexus Cloud Services — Co-Founder & CEO | nexuscloudservices.org

- Co-founded a SaaS and software development company delivering cloud-based solutions for SMBs
 - Building a multi-tenant scheduling platform (Svelte 5, SvelteKit, Tailwind CSS, PostgreSQL, Vercel) with multi-branch management, real-time staff tracking, RBAC, and subscription billing
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EDUCATION

Filamer Christian University Bachelor's Degree in Computer Science - 2015

ADDITIONAL

Agile/Scrum practitioner | Full product lifecycle experience (design → deployment → monitoring)