

# Patrick Rubio

Software Engineer | Backend • Cloud • Full-Stack

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## SUMMARY

Software Engineer with experience building backend, cloud, and full-stack applications using Java, Spring Boot, SQL, JavaScript, TypeScript, and AWS. Skilled in designing RESTful APIs, relational database models, authentication workflows, and cloud-deployed applications, including an RSVP platform used by 100+ guests. Former Starbucks Store Manager with proven leadership, operational execution, and cross-functional problem-solving skills.

## TECHNICAL SKILLS

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**Languages:** Java, Python, JavaScript, TypeScript, SQL

**Frameworks/Libraries:** Spring Boot, Hibernate, Spring Data JPA, Angular

**Databases:** PostgreSQL, MySQL, SQLite (Room), DynamoDB

**Cloud:** AWS (Amplify, Lambda, API Gateway, Elastic Beanstalk, S3, DynamoDB)

**Tools:** Git, GitHub, GitLab, Visual Studio Code, IntelliJ, Maven, Postman, Docker, Cursor, ChatGPT, Claude

**Concepts:** REST APIs, MVC, Object-Oriented Programming, Agile Methodology, CRUD, Authentication, CI/CD

## TECHNICAL PROJECTS

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**ReserveNow — Booking System & Reservation Backend** — *Java, Spring Boot, PostgreSQL*

- Built a Java/Spring Boot REST API for listing, booking, and managing time-based services.
- Designed layered controller-service-repository architecture using Spring Boot, Spring Data JPA, and PostgreSQL.
- Implemented user registration, BCrypt password hashing, login validation, and PostgreSQL persistence.
- Modeled relational data for users, service providers, listings, bookings, and transactional reservation logic.

**Wedding RSVP Platform** — *HTML, CSS, JavaScript, AWS Amplify, DynamoDB, AWS Lambda*

- Built and deployed cloud-hosted, mobile-responsive RSVP platform used by 100+ wedding guests.
- Implemented secure form submission and guest logic with AWS Amplify, Lambda, and DynamoDB.
- Configured AWS Amplify hosting, Route 53 domain setup, and Lambda/API Gateway CORS headers for cross-browser RSVP form submissions.

**Vacation Planner Mobile App** — *Java, Android, SQLite*

- Developed Android travel planner app using Room DB, MVVM architecture, and XML Layouts.
- Implemented CRUD operations, persistent local storage, RecyclerView navigation, and multi-screen user flows.
- Added excursion date validation and tested core app functionality across Android emulator and physical device.

**BudgetPair — AI Couples Finance & Budgeting App** — *TypeScript, AI-Assisted Development, Full-Stack*

- Developing a budgeting and finance tracking application for couples with shared expense tracking and goal setting.
- Designing user flows for collaborative budgeting, financial transparency, and personalized spending insights.
- Applied AI-assisted development workflows with Cursor, ChatGPT, and Claude to prototype features, debug issues, and improve user flows.

## EXPERIENCE

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**Starbucks Coffee Company** — Los Angeles, CA

**Store Manager** (2022–2025)

- Led and developed a team of 30+ employees, improving execution, communication, and operational consistency.
- Managed hiring, onboarding, scheduling, inventory, and daily operations while using forecasting tools to improve staffing, labor efficiency, and workflow planning.
- Coordinated a full store remodel between contractors, internal teams, and staff while minimizing business disruption.

**Shift Supervisor — Part-Time** (2025–Present)

- Transitioned to part-time to complete B.S. Software Engineering and develop independent software projects.

## EDUCATION & CERTIFICATIONS

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B.S. Software Engineering, Western Governors University (2025)

B.S. Business Administration (Cum Laude), California State University Northridge (2021)

**Certifications:**

- AWS Cloud Practitioner | CompTIA Project+ | ITIL Foundation | WGU Java Backend & Frontend Certs