

Adrian McGee

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SUMMARY

Motivated backend software engineer and recent Computer Science graduate with hands-on project experience building production-style REST APIs using Java, Spring Boot, and PostgreSQL. Proficient in containerization with Docker, database versioning, and delivering clean, scalable systems end-to-end. A results-driven professional with a proven track record of using data to drive measurable improvements.

EDUCATION

B.S. Computer Science — CSU East Bay | Graduated Dec 2025 Hayward, CA

- 3.6 GPA (CS coursework) · Relevant: Data Structures & Algorithms, Software Engineering, Artificial Intelligence

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL

Backend / Frameworks: Spring Boot, REST APIs, Maven, Flyway, Hibernate

Databases: PostgreSQL, MySQL, MongoDB

DevOps & Tools: Docker, Docker Compose, Git, GitHub, Postman, Linux

Analytics: Power BI, Tableau

PROJECTS

RESTful Backend Server 2026 | Software Engineer - Java | Spring Boot | PostgreSQL | Docker

- Designed a production-quality REST API handling full CRUD operations with structured JSON responses, proper HTTP status codes, and clean error handling across all endpoints.
- Containerized PostgreSQL with Docker Compose for a fully isolated, reproducible dev environment; implemented Flyway for versioned, auditable schema migrations with rollback safety.
- Wrote unit and integration tests using JUnit to validate API behavior and ensure reliability across endpoints.

Interactive Vocabulary Trainer 2025 | Software Engineer - Java | Android Studio | REST API

- Built an Android vocabulary learning app in Java with a RecyclerView-driven dynamic quiz engine and real-time progress tracking.
- Designed modular architecture to support future REST API integration; implemented push-notification scheduling to drive daily re-engagement.

EXPERIENCE

Associate Workstation Technician — Kaiser Permanente via Rose International Mar 2026 – Present | Vallejo, CA

- Supporting 1,000+ clinical and administrative staff across hardware troubleshooting, software deployment, and device configuration in a high-availability healthcare environment.
- Leading lease replacement project involving 4,000+ workstations — imaging machines via ISO deployment, migrating user profiles, and pushing applications and files remotely from the cloud.
- Troubleshoot clinical technology devices and assist with network switch management, gaining exposure to enterprise infrastructure in a regulated healthcare setting.

Delivery Driver Supervisor — Amazon Aug 2021 – Mar 2026 | American Canyon, CA

- Led a team of 30+ drivers and drove a 15% improvement in delivery speed through data-driven analysis of routing metrics.