

Maxwell Hicks

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Recent Software Engineering graduate from Arizona State University (GPA 3.43, Cum Laude, Dean's List) with strong Java, Python, TypeScript, JavaScript, React, Spring Boot, PostgreSQL, REST APIs, Docker, and CI/CD foundations. Experienced building and shipping full stack applications end to end with a genuine drive to solve real problems. Hands-on LLM integration and AI-assisted development experience. U.S. citizen open to relocation anywhere in the U.S. and available to start immediately.

TECHNICAL SKILLS

Languages: Java, Python, TypeScript, JavaScript, SQL, HTML, CSS

Frameworks & Libraries: Spring Boot, Spring Data JPA, Flyway, React, JUnit, REST APIs, LLM API Integration (DeepSeek, Google Gemini, Anthropic Claude), Prompt Engineering, OOP and Design Patterns

Databases: PostgreSQL, MySQL (familiar), MongoDB (familiar), relational schema design, ORM, SQL query optimization

Tools & Platforms: Git/GitHub, Docker, AWS (familiar), Azure (familiar), GCP (familiar), Gradle, Maven, VS Code, CI/CD Pipelines, Linux/Unix, Agile/Scrum, Claude / GitHub Copilot (daily)

Core Competencies: Full Stack Application Development, Java and Spring Boot Backend, React and TypeScript Frontend, REST API Design, Relational Database Design, LLM and AI Integration, Unit and Integration Testing, CI/CD, Technical Documentation, Agile/Scrum, Independent Problem Solving

TECHNICAL PROJECTS

Job Board Monitor - Java · Spring Boot · Spring Data JPA · PostgreSQL · REST APIs · Flyway · React · TypeScript · Docker · CI/CD · Git

- Built and shipped a full stack production application entirely on personal time to solve a real problem during my job search, owning everything from database schema design through backend API development and frontend UI to automated CI/CD deployment with Docker.
- Implemented Spring Boot backend services with Spring Data JPA, PostgreSQL schema with Flyway migrations, and a React and TypeScript frontend, applying OOP principles and design patterns throughout and maintaining technical documentation at every stage.
- Debugged and resolved complex integration challenges independently including configuring Spring Boot with a PostgreSQL Docker container, demonstrating the systematic problem-solving and self-directed ownership that define effective early career engineers.

Adaptive Virtual Assistant - Python · REST APIs · LLM Integration · DeepSeek · Google Gemini · Prompt Engineering · TypeScript · HTML · CSS · Agile · Git

- Collaborated with a 5-person Agile team to design, build, and ship an AI-powered full stack application integrating multiple LLM APIs including DeepSeek and Google Gemini using prompt engineering techniques, achieving 99%+ uptime in production.
- Implemented Python backend services with asynchronous API calls, error handling, and session management, and contributed to TypeScript and JavaScript frontend surfaces, demonstrating full stack versatility across multiple languages and frameworks.
- Participated in Agile ceremonies, code reviews, and technical documentation throughout the project lifecycle, building the collaborative communication habits and team-first instincts that make engineers effective in any engineering organization.

EDUCATION

B.S. in Software Engineering - Arizona State University | GPA: 3.43 | Cum Laude

August 2025

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Secure Software Systems, Web Applications, Database Management, Computer Architecture

PROFESSIONAL EXPERIENCE

Shift Supervisor | Starbucks

09/2018 – Present

- Led and supervised a team of 10+ in a high-volume, fast-paced environment, building the clear communication skills, ownership mindset, and collaborative instincts that define effective contributors in any engineering organization.
- Applied systematic problem-solving to identify and resolve operational inefficiencies, reducing customer wait times by 15% through data-driven root cause analysis and iterative process improvement.
- Trained and mentored 25+ team members, contributing to technical documentation and fostering a culture of continuous learning, accountability, and shared ownership across the team.