

ZACH AULT

SOFTWARE ENGINEER

CONTACT

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GitHub: <https://github.com/Jugernaut73>

TECHNICAL SKILLS

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

Frameworks/Tools: Next.js, Spring Boot, Android Studio, Git, MySQL, IntelliJ

Concepts: Object-Oriented Programming, Agile Development, Unit Testing, Full-Stack Development, Back-End Development, Front-End Development

EDUCATION

Bachelor of Science, Software Engineering

Western Governors University

Apr 2025

Relevant Coursework:

- Front-End Web Development
- Back-End Programming
- Advanced Data Management
- Advanced Java
- Software Security and Testing
- Software Design and Quality Assurance
- Software Engineering
- Mobile Application Development(Android)

CERTIFICATIONS

- ITIL 4 Foundation - Dec 2024
- CompTIA Project+ - Dec 2024
- AWS Certified Cloud Practitioner - Mar 2024
- Google IT Support Professional - Feb 2023

LANGUAGES

English (Native)

ASL (3 Years)

Japanese (Basic)

PROFILE

I am a recent graduate in software engineering focusing on developing full-stack applications. I have experience with Java, Android, React, and Spring Boot development. I am comfortable with various Java and JavaScript frameworks and actively working on projects on GitHub. I am open to relocation and travel, and I am searching for a software engineer role where I can continue to grow within a collaborative environment.

WORK EXPERIENCE

Software Engineer Intern

Kozmoz International - Kyoto, Japan

Aug 2024 - Oct 2024

- Designed and delivered engaging Python and coding lessons for Japanese children in both classroom and private settings, tailored to varying English proficiency levels.
- Developed interactive learning materials and projects that incorporated visual and practical elements to support non-native English speakers in grasping programming concepts.
- Adapted teaching strategies to accommodate different learning styles, language barriers, and age groups, resulting in enhanced student engagement and comprehension.
- Collaborated with educators to create a curriculum that integrates coding and technology education for Japanese learners with limited English proficiency.

Software Engineer Intern

Battle Road Digital

Feb 2024 - May 2024

- Developed and debugged Python code segments under mentorship, contributing to the enhancement and maintenance of the Atom Engine.
- Worked on both front-end and back-end development, ensuring seamless integration between UI and back-end systems.
- Collaborated closely with designers to translate UI/UX designs into functional features, ensuring alignment with the intended vision.
- Frequently sought feedback from mentors and experienced developers to improve code quality and deepen technical knowledge.
- Engaged in agile development methodologies, participating in sprint planning, code reviews, and testing to maintain software quality and meet project deadlines.

PROJECTS

See more at github.com/Jugernaut73

Full-Stack - YC Directory - Next.js, React, TypeScript

A full-stack web app that uses Next.js to serve both the front-end and back-end. Uses React with TypeScript for building UI components, styled with Tailwind CSS. Uses Next.js API routes to handle server-side logic and fetch content from Sanity, the CMS and content database. Integrated with Sentry to monitor errors for easier maintenance.

Mobile Application - Vacation Planner - Android Studio, Java

An Android app that allows users to add/edit/remove vacations and excursions, and notifies the user on the specified dates. Uses a Room Framework as an abstraction layer over the local SQLite database to store data.