

WILLIAM HARRISON CREWS

SOFTWARE ENGINEER

Atlanta, GA | whcrews1998@gmail.com | (205) 478-8824 | <https://www.whcrews.com/>

Software Engineering | Computer Programming | Solution Development

Innovative Software Engineer specializing in full stack development, backend systems, and automation architecture. Experienced in building scalable applications and internal platforms using SpringBoot, Java, and modern front-end technologies (HTML, CSS, JavaScript). Adept at designing RESTful APIs, microservices, and reusable software components. Passionate about clean code, robust architecture, and delivering high-quality, maintainable solutions across both backend and UI layers.

Areas of Expertise:

Performance Optimization | Backend | Frontend | Agile & Scrum Methodology | Test-Driven Development | API Development | AWS | REST APIs | Microservices | Software Architecture | Algorithms and Data Structures |

TECHNICAL SKILLS

Backend & API Development:	SpringBoot, RESTful APIs, Microservices, JPA/Hibernate, SQL/Postgres
Front-End Development:	HTML, CSS, JavaScript
Cloud & DevOps:	AWS, Kubernetes, Jenkins, Git, Jira
Languages:	Java, SQL, Bash, JavaScript

EDUCATION

Bachelor of Science in Computer Science University of Alabama – Tuscaloosa, AL	Aug 2018 – May 2022
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PROFESSIONAL EXPERIENCE

Amdocs – Atlanta, GA Software Engineer	Jul 2022 – Present
- Developed a full stack automation portal with SpringBoot backend and HTML/CSS/JS front-end, enabling dynamic data manipulation, execution reporting, reducing manual setup by 80%. - Implemented automated HTML email reporting with structured test outcomes, providing clear visibility into execution results. - Integrated backend services with MySQL/Postgres for test data persistence and reporting, improving traceability and debugging efficiency. - Mentored team members on clean code principles and automation design patterns, improving long-term maintainability.	

PROJECT HIGHLIGHTS

Amdocs – Atlanta, GA Software Engineer	Jul 2022 – Present
SpringBoot Automation Framework & Portal UI: Built a modular automation ecosystem with SpringBoot REST APIs and a responsive HTML/CSS/JavaScript front end, providing testers with an intuitive self-service interface for data setup and execution. Integrated structured logging, dynamic data handling, and automated HTML email reporting	