Saifur Sabbir

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SUMMARY

Seeking a Software Engineer role specializing in full-stack development using Java. Full-Stack Software Engineer with hands-on experience building scalable web and software solutions using **Java, Python, JavaScript, TypeScript, React.js, Angular, Django, Spring Boot, and PostgreSQL**. Skilled in **RESTful API development, database management, CI/CD pipelines, Docker, and cloud platforms (AWS, Azure, Firebase)**. Proven ability to deliver high-quality, secure, and maintainable solutions in **Agile/Scrum** environments while optimizing performance and enhancing user experience.

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, C, C#, SQL

Frameworks & Libraries: Spring Boot, Spring Security, Spring Cloud, React.js, Angular, Django, Flask, Node.js, Express.js, Tailwind CSS, .NET

Web Development: HTML, CSS, JavaScript, TypeScript, RESTful APIs, JWT Authentication

Databases: PostgreSQL, MySQL, MongoDB, SQL Server (SSMS), Spring Data JPA

Tools & Platforms: Git, GitHub, GitHub Actions, Docker, Azure, AWS, Firebase, Visual Studio Code, Eclipse IDE, JetBrains,

Testing & Observability: JUnit, Mockito, Grafana, Micrometer

Methodologies: Agile, Scrum, CI/CD Pipelines

PROJECTS

AI-Study-Assistant [Code]   **July 2025 – Present**

- AI-powered web-based study platform generating flashcards, quizzes, and content summaries using OpenAI GPT-4o API
- Designed interactive study games, including category sorting, flag guessing, and vocabulary quizzes to enhance learning.
- Built Firebase backend with Realtime Database, Authentication, and Cloud Functions for seamless user data, login, and access.
- Enabled voice input via Web Speech API, and real-time collaboration through sharable links for quizzes and flashcards.
- Utilized React.js, Redux, Firebase, and OpenAI GPT-4o Mini API to deliver a scalable, user-friendly platform.

GroceryPro - Smart Grocery Price Finder [Code]   **Jan 2025 – May 2025**

- Developed a web application that helps users find the cheapest prices across different stores, enabling users to create personalized grocery lists, track prices, and compare real-time product prices across stores.
- Built REST APIs with Django, scraped product data using Selenium, and managed a PostgreSQL database.
- Used Selenium to scrape real-time prices and stored 3,000+ grocery products' information with 95% data accuracy.
- Utilized React.js, Django, PostgreSQL, Selenium, Django REST Framework, Python, JavaScript

EXPERIENCE

ElevateMe Bootcamp, Columbus, Ohio   **Aug 2025 - Present**

Java Software Development Fellow Trainee

- Apply full-stack Java development skills to build and deploy scalable, secure, and maintainable web applications as part of a 200+ hour immersive training program.
- Develop responsive front-end interfaces using HTML, CSS, Tailwind, JavaScript, TypeScript, and Angular, and create secure RESTful APIs with Java 17, Spring Boot, Spring Security, and JWT authentication.
- Work with PostgreSQL and MongoDB to design schemas, write queries, and implement data access using Spring Data JPA and aggregation pipelines.
- Implement CI/CD pipelines with GitHub Actions and Docker, and deploy microservices with Spring Cloud on Azure.
- Deliver multiple capstone projects in Agile sprints, incorporating secure authentication, modular architecture, testing (JUnit, Mockito, observability (Grafana, Micrometer), and team-based code reviews.

CareConnect, Detroit, MI   **Sep 2024 - Dec 2024**
Software Engineer Intern
- Collaborated with cross-functional teams to design and implement integrated front-end and back-end features, ensuring scalable application performance and efficient user experience.
- Developed a feature connecting users with professionals, enabling peer-to-peer communication.
- Integrated databases, REST APIs, and full-stack frameworks to optimize performance.
- Managed and optimized databases using SQL, improving data retrieval efficiency and enabling smooth interaction between web applications and backend data storage.
- Utilized JavaScript, Django, React.js, and Git to deliver robust, maintainable, and scalable software solutions

EDUCATION

Wayne State University, Detroit, MI   **Graduation: May 2025**
Bachelor of Science, Computer Science
- **GPA:** 3.97
- **Graduated Summa Cum Laude.**
- **Coursework:** Data Structures and Algorithms, Computer Architecture, Database Management, Software Engineering, Linear Algebra, Operating Systems, Theoretical Computation, Capstone Project, Artificial Intelligence

Certifications

Software Engineer | Java Certificate of Completion   Aug 2025 - Present
ElevateMe Bootcamp
- 150+ hours of hands-on coursework, having completed a Software Engineer project using HTML, CSS, Tailwind, JavaScript and TypeScript

Leadership and Volunteering

- Served as Lead Instructor for the DACEP Summer Camp at Wayne State University (Jun. 2023 – Jul. 2023).
- Collaborated with camp staff through regular meetings to share updates and improve program delivery.
- Helped design and implement curriculum by creating lesson plans and organizing aligned activities.