Sachin Basavaraja

College Park, Maryland | (240) 424-4818 | sbasavar@terpmail.umd.edu | in/sachin-basavaraja

EDUCATION

University of Maryland, College Park, Maryland   **Aug 2024 - May 2026**
Master of Engineering in Software Engineering | **GPA – 3.6**

Siddaganga Institute of Technology, India   **Aug 2017 - Aug 2021**
Bachelor of Engineering in Computer Science | **GPA – 3.54**

TECHNICAL SKILLS

- **Programming Languages: Java, Python**, C, C++, **JavaScript**, **HTML**, CSS, PHP, TypeScript.
- **Databases:** MySQL, NoSQL, PLSQL, Oracle DBMS.
- **Framework and Technologies: Spring, Spring Boot, React, Angular, Django, GIT, AWS, Azure.**

PROFESSIONAL EXPERIENCE

Alshaya Group (Bengaluru, India)
Senior Software Engineer   **Oct 2021 – Aug 2024**
Tech Stack: **Java, Spring Boot, AWS, MySQL, PL/SQL, Git, Spring Framework, Rest API's, JDBC.**

- Led the migration of traditional POS systems to a scalable, service-oriented architecture using **Java and Spring Boot**, improving reliability and performance, integrated **CI/CD** pipelines via **Jenkins and GitHub Actions** to accelerate deployments and reduce downtime.
- Directed the implementation of a touchscreen POS solution across 500+ retail stores in Dubai and Egypt using **Java, Spring Boot, MySQL, and REST APIs**, enhancing operational efficiency and payment integration while achieving **95%** staff usability approval and a **40%** reduction in transaction errors.
- Co-led the development of B2B transaction capabilities and integrated a custom **Java-based promotion engine** across POS systems for **30+** brands including H&M and Bath & Body Works, resulting in a **25%** boost in customer engagement and improved transaction efficiency.

Quotient Technology (Bengaluru, India)
Software Intern
Tech Stack: **Java, Selenium, Maven, Jenkins, Git, Postman, Swagger, JMeter**   **Feb 2021 – Oct 2021**

- Designed and implemented a robust Selenium-based automation framework in **Java**, integrated with **TestNG** and **Maven**, improving test coverage and reducing critical production bugs by **40%** on the Coupons.com platform.
- Collaborated cross-functionally to deliver the **Cashback feature**, automating end-to-end test scenarios for UI and APIs using **Selenium,** resulting in a **10%** boost in customer retention and enhanced user experience.
- Integrated test suites into **CI/CD pipelines** using **Jenkins**, conducted regression testing, and triaged bugs with **JIRA**, which contributed to a **15%** improvement in site performance and faster deployment cycles.

PROJECTS

DigiSchool – E-Learning Management System (LMS) | Java, Spring Boot, MySQL, React, JavaScript   **Sept 2024**

- Led a team of 5 to develop DigiSchool, a scalable LMS using **Java**, **Spring Boot**, **React.js**, **MySQL**, and **AWS**, reducing course management time by **30%** with features like **automated assessments**, **real-time forums, and multi-format content delivery**.
- Built a responsive UI with **React + Redux**, secured the backend with **Spring Security** and **RBAC**, and optimized **MySQL** performance through indexing and query tuning, improving data access speed by **40%**.

Public Distribution System Using Blockchain | HTML/CSS, React, Python, Node. JS, Metamask   **May 2022**

- Developed a decentralized application using **Solidity**, **Ethereum**, **Web3.js**, and **Node.js** to replace opaque government workflows with a transparent, immutable ledger tracking inventory across 24 warehouses, enabling secure authentication and **1,000+** daily transactions.
- Designed and integrated a responsive UI with **JavaScript**, **HTML/CSS**, and **React**, allowing stakeholders to audit **10,000+** historical records, visualize real-time distribution data, and detect anomalies via interactive dashboards.

Certifications

- **Earned AWS Certified Solutions Architect – Associate (SAA-C03)**
- Attained professional certification in **C, C++, Python, Computer Networks from Cisco NetAcad** Academy.
- Certified in **MEAN STACK** (Web Development) from Vicasin.