Navami Bhat

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in NavamiBhat �> Nav0708

Education

Masters in Computer Science, *Seattle University* **Seattle, WA** *Sept 2023- June 2025*
Coursework: Web Development, Distributed Systems, Software Architecture, User Experience Design, Software as a Service
Bachelor of Engineering in Computer Science, *Dr.Ambedkar Insititute of Technology,* **India** *Aug 2014- July 2018*
Coursework:Algorithms, Data structures, Object Oriented Programming. Database Management Systems.

Skills

Programming Languages: Python, Java, TypeScript, JavaScript, Oracle SQL, HTML, CSS
Frameworks& Libraries: JavaScript, Spring Boot, ReactJS, Angular 10.
Tools: Linux/Unix, Node.js, JIRA, RESTful Webservices, SOAP APIs, Maven, JBoss, SonarQube, Junit, AWS, MySQL, MongoDB, Git, Jenkins.
Methodologies: Test-DrivenDevelopment(TDD),Object-Oriented Programming (OOP), Agile Methodology, REST API Development, Pair Programming, CI/CD, Automation.

Experience

Software Development Engineer, *Lumen Technologies* **Bengaluru, India** *11/2020 - 07/2022*
- **Developed enterprise-grade web applications** using **Java**, **Spring Boot**, and **Hibernate**, automating workflows for the US Engineering & Construction team and handling over 10,000 daily tasks.
- **Architected and implemented RESTful APIs** with **Spring Boot** and **Hibernate**, leveraging **XML** and **JSON** to ensure efficient data exchange and system interoperability. .
- **Redesigned legacy systems** using **modern Java frameworks** and design patterns, improving code maintainability and achieving a **30% boost in application performance**. .
- **Optimized relational database operations** with **Oracle SQL**, creating schemas, stored procedures, and indexes to enhance query performance by **75%**. .
- Automated build and deployment pipelines using **Maven**, **Jenkins**, and containerized environments like **Docker**, implementing robust **CI/CD pipelines** for faster and more reliable deployments.
- **Collaborated in Agile environments**, leveraging **JIRA** and Git for version control, issue tracking, and sprint planning to deliver high-quality software.
- Conducted unit and integration testing with **JUnit**, **Mockito**, and **Postman**, ensuring robust and error-free backend functionality.

Software Developer, *Birlasoft* **Chennai, India** *08/2018 - 10/2020*
- Engineered and maintained scalable backend services in a MVC architecture, using design patterns to promote code reusability and efficiency.
- Documented project progress and communicated effectively with both technical and non-technical stakeholders, ensuring alignment on project goals and facilitating smooth transitions between development phases .
- Contributed to the continuous improvement of the platform through active participation in **Agile**, **Test-Driven Development** (TDD), and code reviews, reducing bug reports by 20%.

Projects

Quiz Application   *GitHub* *09/2023 - 12/2023*
- Developed an Online Quiz application using **Angular UI** framework with question rendering and automated scoring features.

Scalable Societal Simulation   *GitHub* *01/2024 - 03/2024*
- Integrated MakeFlow and HTCondor to design and manage high-scale distributed systems with complex simulation workflows, enabling efficient resource allocation and efficient utilization of computing resources on the Linux based Open Science Grid (OSG) a cluster computing infrastructure, thus reducing the computation time by 70%.

Wallet Watch   *GitHub* *09/2024- 12/2024*
- **Developed and enhanced the Wallet Watch personal finance application** using **React**, **TypeScript**, **Node.js**, and **MongoDB**, creating modular, scalable components with seamless database integration.
- Applied **UI/UX principles** to design responsive, user-friendly interfaces, ensuring seamless navigation and effective financial insights for end users .