

Chandrika Kolluri

kolluri.chandrika5@gmail.com | +13264676382 | Lathrop, CA

Summary

Passionate and detail-oriented Software Engineer with hands-on experience in full stack development. Skilled in building robust backend services using Java and Spring Boot, and crafting dynamic, responsive user interfaces with React, HTML, and CSS. Strong background in optimizing application performance and managing both relational (MySQL) and NoSQL databases. Proven ability to thrive in Agile environments, collaborate effectively with cross-functional teams, and deliver high-quality, user-centric solutions. Experienced with version control and collaborative development using Git and GitHub, with a continuous focus on improving development workflows and product quality.

Technical Skills

- **Languages & Web:** Java, JavaScript, Python, SQL, HTML5, CSS3, React.js, jQuery, Bootstrap
- **Frameworks & Libraries:** Spring Boot, Hibernate, JPA, React Testing Library
- **APIs & Tools:** RESTful APIs, Swagger, Postman, SOAP UI, OAuth
- **DevOps & Cloud:** Git, GitHub, GitLab, Jenkins, Maven, Docker (basic), CI/CD pipelines, AWS, Azure
- **Database:** MySQL, MongoDB, NoSQL, Cassandra, PostgreSQL
- **Testing, Tools & Methodologies:** JUnit, Mockito, IntelliJ IDEA, Eclipse, VS Code, Agile, Scrum, Microservices, Design Patterns, Data Structures, JIRA, Data Structures and Algorithms, OOPS

Professional Experience

Research Assistant Intern, Database Management Systems 07/2024 – Present | University of Dayton, USA

- Designed a comprehensive database management system using use-case scenarios, data-flow diagrams, entity relationship diagrams, relational database diagrams, and a data dictionary.
- Developed and optimized database schemas, tables, views, indexes, and other database components for efficient data management.
- Enhanced performance by optimizing SQL queries, indexes, and database configurations, while monitoring and maintaining database reliability.
- Implemented security measures to protect data from unauthorized access and potential breaches, ensuring data integrity and compliance.

Application Developer 09/2021 – 07/2022 | Hyderabad, India

- Built and optimized enterprise web applications using React.js, JavaScript, Spring Boot, HTML, and CSS.
- Resolved UI bugs, improving page load time by 20% and enhancing user experience.
- Streamlined reporting procedures by developing automated scripts that extracted user insights every 12 hours, resulting in improved team response times to emerging trends among both new and existing users.
- Developed RESTful APIs using Java and Spring Boot, handling 1,000+ daily requests.
- Designed and deployed reusable React components, reducing development time by 30%.
- Followed Agile methodologies, ensuring 95% on-time sprint deliveries.
- Involved in agile team to meet development phase deadlines.

Education

Master of Science, University of Dayton 08/2022 - 05/2024 | Dayton, Ohio
Computer science

Bachelor of Technology, Amrita Viswa Vidyapeetham 07/2018 - 05/2022 | Bengaluru, India
Electronics and Communication Engineering