Laksh Kiran Ippili
Cincinnati, Ohio | (937)397-1464 | lakshkiran.i@gmail.com | linkedin.com/in/laksh-kiran-ippili-0b93b21b0

PROFILE

Accomplished Software Engineer with 3+ years of experience in full stack development using Java, Spring, Hibernate, Angular and React. Proficient in Agile methodologies, ensuring collaborative, iterative development cycles. Skilled in writing clean, scalable code, adhering to industry best practices and design patterns. Experienced in database management with MySQL and Oracle, implementing RESTful APIs for seamless front-end to back-end communication. Strong problem-solving abilities, committed to continuous learning, and effective communication for cross-functional collaboration, dedicated to delivering high-quality solutions exceeding customer expectations.

TECHNICAL SKILLS

Languages	Java, Python, C, C++, Gherkins, SQL
Databases	MySQL, Oracle, MongoDB
Web Technologies	HTML5, CSS3, JSON, XML
Frameworks and Libraries	Angular 8, ReactJS, Spring Boot, TestNG, Cucumber, Selenium
Networking and Others	REST API, SOAP UI, Tomcat, HTTP, Postman, Microservices, Kubernetes
Source Code Management	Git, GitHub
Workflow Tools	VS Code, Maven, Eclipse, Jira
Operating System	Windows

WORK EXPERIENCE

Software Analyst, Capgemini Hyderabad, India August 2021 – August 2022

- Worked on user interface enhancement, focusing on usability, and ensured web content is responsive and compatible across various browsers and conducted thorough code reviews to perfect the code usage by 50%.
- Worked as Lead Developer in an internal project where it helps the employees to access the trainings assigned by their respective Heads and optimized API calls to decrease memory usage by 60% and speed up query by 35%.
- Experience in writing Behavior-Driven Development (BDD) codes using Cucumber framework and deployed production-ready code by ramping on the assigned codebase.

Junior Software Engineer, Voziq Hyderabad, India August 2018 – August 2020

- Adapted to professional environment, displaying strong critical thinking skills, go-ahead attitude and even managed multiple tasks with 100% efficiency and met project deadlines in an evolving environment.
- Engaged in Java-based application development and gained exposure on collaborating with a team of 8 developers, from sprint planning, debugging, addressing issues in codebase, troubleshooting, resulting in the successful deployment of 5 major projects aligned with business needs and standards.
- Implemented RESTful APIs for communication between modules, ensuring scalability and identified problem statements, outlined optimal solutions, accounted for edge cases following Agile Methodologies.
- Contributed to frontend development using HTML5 and CSS3 for the website design and integrated multimedia elements, adhering to HTML5 standards and utilized JPA and Hibernate, improving data retrieval times by 30%.

EDUCATION

Wright State University Fairborn, Ohio
Master's in Computer Science August 2022 – April 2024
Relevant Course Work Distributed Computing, Information Retrieval, Algorithm and Design Analysis

CMR Engineering College Hyderabad, India
Bachelor of Technology August 2017 – May 2021
Relevant Course Work C, C++, Java, Object-Oriented Programming, Python, Database Management

PROJECTS

SMS Spam Filtering, Wright State University

- Developed SMS Spam filtering program using machine learning techniques, leveraging feature extraction from real-world dataset containing 1324 messages, including 1002 legitimate messages and 82 spam messages.
- Utilized Java and WEKA to implement feature extraction algorithms, including character count analysis, currency symbol detection, numeric string identification and term frequency analysis, resulting in a Random Forest Classifier achieving 93% accuracy with balanced spam and ham classification.

Cranfield Search Engine, Wright State University

- Developed a python search engine using Cranfield Dataset which holds 1400 documents, 225 queries and 1826 evaluations employing scikit-learn for indexing and querying.
- Implemented an Indexer module to transform documents into a searchable matrix using Binary Vectorizer and Custom TF-IDF Vectorizer, incorporating text preprocessing tasks like tokenization and lowercasing, cutting stop words. Also, developed a Query processor to evaluate similarity using Manhattan and Cosine similarity.