

Akhila Mora

Grand Prairie, Texas
405-845-0512

morakhila99@gmail.com
Linkedin: www.linkedin.com/in/mora-akhila
Github: <https://github.com/moraakhila>
Portfolio: <https://portfolio-akhila.vercel.app/>

Full Stack Developer with over 5 years of experience in Java backend and React frontend development. Proficient in managing databases like Oracle, DynamoDB, and PostgreSQL. Skilled in DevOps practices including CI/CD with Maven, Gradle, Docker Swarm, and Kubernetes. Experienced in AWS for scalable cloud solutions. Committed to delivering high-quality, user-centric software.

Education

Masters in Computer Science August 2022 - May 2024
The University of Oklahoma at Norman, Oklahoma

Bachelor of Technology in Computer Science July 2016 - August 2020
Lakireddy Bali Reddy College of Engineering at Mylavaram, India

Key Skills

- **Methodology:** SDLC, Agile
- **Languages:** Java, C, C++, Python, J2EE, Shell Scripting (Bash)
- **Frameworks and architecture:** Spring MVC, Spring AOP, JSF, Hibernate, Spring Boot, Microservices, Spring JPA, React.
- **DevOps practices:** Continuous Integration / Continuous Deployment (CI/CD)
- **J2EE Technologies:** Servlets, JSP, JSTL, JavaBeans, JDBC
- **Application Server:** Apache Tomcat, Web Sphere
- **Databases:** Oracle, MySQL, PostgreSQL, MongoDB
- **Build tools:** Maven, Gradle
- **Version control:** Git, GitHub, GitLab
- **Operating Systems:** Windows, Linux
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, XML
- **Cloud Platforms:** AWS

Professional Experience

Research Assistant

The University of Oklahoma, Norman, Oklahoma

November 2022 - May 2024

- Directed the collection and analysis of breath samples using cutting-edge technology operated by Breathonix, contributing to ongoing research on non-invasive diagnostic methods
- Analyzed breath sample data using Python, achieving approximately 85% accuracy in extracting meaningful insights and patterns, informing further research directions and contributing to scientific publications
- Designed a user-friendly website for the project, enabling participants to input their information and receive predictions based on breath sample data analysis, reducing prediction time by 70%
- Collaborated with a diverse team to optimize breath sampling, ensuring data accuracy, and contributed to protocol development for participant recruitment and sample collection

Software Developer

Wipro Technologies Pvt Ltd, Hyderabad, Telangana

December 2020 - July 2022

- Resolved 95% of client-reported bugs promptly and effectively, ensuring high levels of customer satisfaction and smooth operation of IBM Tririga applications
- Generated around 20 user-friendly web pages and interfaces using Java, HTML, CSS, and JavaScript, enhancing usability and functionality within the IBM Tririga platform

- Collaborated closely with team members to analyze requirements, design solutions, and implement enhancements, contributing to the continuous improvement of IBM Tririga software
- Leveraged Java Persistence API (JPA) to design and implement data access layer for IBM Tririga applications, ensuring seamless integration with relational databases and efficient management of persistent data.

Software Developer Intern

Outshade Digital Media Pvt Ltd, Hyderabad, Telangana

November 2019 - November 2020

- Demonstrated proficiency in React.js development, creating interactive and feature-rich components
- Formulated RESTful web services using Spring Boot, enabling seamless communication between frontend and backend components by implementing CRUD operations for efficient data manipulation with the help of Spring JPA
- Stayed updated with the latest web development trends and technologies, incorporating best practices into daily tasks to ensure modern and scalable solutions
- Proven ability to effectively address technical challenges and foster a collaborative team environment.

Web Developer

LBRCE, Mylavaram, Vijayawada

January 2019 - June 2019

- Contributed to team discussions and provided valuable insights into user interface requirements
- Created a responsive and user-friendly website using HTML5, CSS3, and JavaScript, leading to a substantial increase in user engagement metrics
- Conducted comprehensive testing and debugging across multiple browsers and devices, successfully resolving 90% of frontend issues pre-deployment

Publications

Authored paper titled Detecting Fake News Using NLP and Machine Learning Classification Algorithms published in the Journal of Advanced Research in Dynamical and Control Systems, Vol 12, Issue-02, 2020.