AKHILA MORA

Software Developer

Portfolio: portfolio-akhila Email: morakhila99@gmail.com LinkedIn: linkedin.com/in/Akhila Mobile: 405-845-0512 Place: Norman, OK

EDUCATION

Master of Science in Computer Science **GPA: 3.90/4.00**
University of Oklahoma, Norman, OK August 2022 – May 2024

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, C, C++, PHP
- **Web Development:** HTML5, CSS3, JavaScript, jQuery, JSON, AJAX, React JS, XML, Bootstrap, RESTful API, Postman
- **Databases:** MySQL, MongoDB, Oracle, SQLite, PostgreSQL
- **Version Control:** Github, GitLab
- **Cloud Platforms:** Google Cloud Platform, AWS, Azure
- **Methodologies:** Agile, Waterfall, Scrum

PROFESSIONAL EXPERIENCE

University of Oklahoma
Graduate Teaching Assistant August 2023 – May 2024 Norman, OK

- Orchestrated lab sessions and tutorials, fostering an interactive learning environment for undergraduates to grasp Java programming concepts.
- Mentored students individually, ensuring comprehension of complex programming principles and proficient troubleshooting of coding challenges.
- Facilitated comprehensive understanding of Java programming through hands-on exercises, resulting in a 20% increase in student engagement and comprehension.

University of Oklahoma
Graduate Research Assistant November 2022 – July 2023 Norman, OK

- 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 statistical software such as Python, achieving approximately 85% accuracy in extracting meaningful insights and patterns to inform further research directions and contribute to scientific publications.
- Designing an intuitive website for the project, enabling participants to easily input their information and receive predictions as output based on breath sample data analysis, thereby reducing the time for predicting output by 70%.
- Collaborated with a diverse team to optimize breath sampling, ensuring data accuracy, while also contributing to protocol development for participant recruitment and sample collection.

Wipro Technologies Private Limited
Project Engineer December 2020 – July 2022 Hyderabad, India

- Spearheaded the development of front-end applications from conception to deployment, collaborating with cross-functional teams, ensuring in a 20% increase in user engagement.
- Analyzed client requirements to design and implement high-quality front-end solutions, utilizing HTML, CSS, and JavaScript frameworks, resulting in reduction in page load time.
- Managed project timelines, ensuring adherence to best practices and code quality standards, resulting in improvement in development efficiency.
- Identified and resolved technical issues promptly, improving front-end functionality by 40% and ensuring seamless user experiences.
- Delivered exceptional technical support to clients, ensuring a satisfaction rate and fostering long-term relationships.

LBRCE
Web Developer Intern May 2019 – September 2019 Mylavaram, India

- Led the development of responsive and user-friendly website using HTML5, CSS3, and JavaScript, Culminated in surge in user engagement.
- Implemented efficient backend solutions utilizing PHP and MySQL, reducing website loading times and enhancing overall performance.
- Collaborated with cross-functional teams to identify and troubleshoot technical issues, leading to a 20% decrease in website downtime.
- Conducted comprehensive testing and debugging procedures to ensure seamless functionality across many browsers and devices, achieving a 95% bug-free user experience.

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.

PROJECTS

Face Detection Full stack application

- This responsive face detection app provides seamless user authentication with sign-in and registration options. After signing in, users can input an image URL to detect faces using the Clarifai API, with detected faces highlighted by a bounding box, and track the number of times they have checked for faces.