

LaxmiPrasanna Ravikanti

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EDUCATION

Georgia State University

Masters in Computer Science

Atlanta, Georgia

Aug 2024 – Present

Keshav Memorial Institute of Technology

Bachelor of Technology in Information Technology; GPA: 3.58/4

Hyderabad, India

Dec 2020 – May 2024

- **Coursework:** Data Structures, Operating Systems, Computer Networks, OOPS.
Ranked among the top 4 in the KICKSTART coding competition.
As a year and class representative, Created a Power BI dashboard for student analysis, which helped faculty track student performance and achievements. [Power BI Dashboard](#)

EXPERIENCE

Georgia State University

Graduate Teaching Assistant

Aug 2024 – Present

Atlanta, Georgia

- Mentoring 100+ students in a comprehensive web programming course, focusing on client-side and server-side technologies, achieving a 90% student satisfaction rate and enhancing project completion efficiency.

Lumen Technologies

SDE Intern

Jan 2024 – Jul 2024

Bangalore, India

- Engineered a series of hands-on projects in Java and Spring Boot, improving coding efficiency by 15% and mastering advanced software development practices.
- Developed a PL/SQL script to streamline error file handling, reducing processing errors and boosting data accuracy by 20%.
- Enhanced transaction visibility and consistency in the EPWF BATCH Application by collaborating with cross-functional teams, leading to a 15% productivity increase.

ADP, Inc.

GPT Intern

Jul 2023 – Oct 2023

Hyderabad, India

- Architected a full-stack web application with an Angular UI integrated with Flask using REST APIs and MySQL, optimizing data storage and retrieval processes.
- This robust UI testing framework automates performance testing for non-functional requirements, reducing manual effort and increasing testing accuracy.
- Enhanced load times by 25%, elevating user satisfaction ratings from 3.5 to 4.7 on a 5-point scale.
- Led the Research and Development team in deploying the implemented solution, improving operational processes, and driving a 20% efficiency boost while meeting project deadlines.

PROJECTS

ISCHEMIC STROKE CLASSIFICATION USING DEEP LEARNING

- Built a VGG-19 CNN model to classify two major etiology types of ischemic stroke.
- Pre-processed high-resolution TIFF images and trained the dataset using the VGG-19 model to improve classification accuracy.

COMMAND AND CONTROL OF DRONE USING ALEXA

- Automated drone navigation based on user voice commands through Alexa, enabling real-time direction control.
- Leveraged AWS Cloud services including AWS Lambda, DynamoDB, and WebSocket API to facilitate seamless integration and communication between the drone and Alexa.

TECHNICAL SKILLS

Languages: Java, Python, C++, C, HTML, CSS, JavaScript, Angular(TypeScript), SQL, ReactJS

Frameworks: Flask, Spring Boot

Libraries: Pandas, Numpy, Matplotlib, TensorFlow

Data Visualization tools: Microsoft Excel, Power BI, Zoho Analytics

Cloud/Databases: AWS, GCP, Azure, MySQL, MongoDB

Version Control: Git, GitHub

Certifications: Java Certification from EPAM Systems