Sai Narasimha Reddy Ayuluri

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EDUCATION

University at Albany State University of New York, Albany, New York.   Anticipated May 2023
master's in computer science   CGPA :3.2
Course work: OS, Software Engineering, ADS, Computer Architecture, APC, TOC,

Saveetha School of Engineering, Chennai, India.   July 2019 – May 2023
Major: Electronics and Computer Science.   CGPA 8.6
Course work: C, AI, ML, DSA, OS, CO, Python,

PROJECTS

- **One-Stop Booking Platform**: Spearheaded development of comprehensive e-commerce platform using React.js, Node.js, and Python (Django/Flask). Achieved up to 75%-time savings for users through consolidated services. Implemented filtered services tailored to user preferences, resulting in a 125% increase in booking efficiency. Deployed on AWS with real-time functionality and continuous data updates.
- **Image Caption Generator:** Developed AI-based image caption generator using React.js, Node.js, and Python. Integrated computer vision and natural language processing techniques for accurate image description. Trained and optimized models using keras and PyTorch. Deployed on AWS with real-time functionality.
- **Webpage Development for Profile Showcase:** Created dynamic webpage showcasing profile and projects using React.js, Node.js, and Python. Utilized data structure algorithms for efficient data management. Optimized workflows with PowerAutomate and JotForm. Collaborated with stakeholders and research coordinators for timely project completion.

INTERNSHIP EXPERIENCE

Shiash Info Tech Solutions PVT.LTD, Chennai, India   December 2021- March 2022
- Led a 10-member team in developing a Java-powered backend for the "Hangman game," achieving a remarkable 15% increase in speed while reducing time consumption.
- Implemented optimizations resulting in a 95% faster gaming experience, showcasing a commitment to efficiency and performance enhancement.
- Collaborative effort underscored the value of teamwork and innovation, delivering not only an engaging gaming experience but also setting a new standard in software development excellence.

Numergion Technologies PVT.LTD, Pune, India   June 2021 – July 2021
- Designed different types of antennas including the Yagi-Uda antennas.
- Increased efficiency and range of the antennas which help with fast data transfer.

TECHNICAL SKILLS

- Languages: Java, Python, SQL, MySQL, JavaScript, HTML5, CSS.
- Frameworks: Angular, React, Node.js, Bootstrap, Git, Restful API, Express, MongoDB, Springboot, Hibernate
- IDE Tools: VS Code, PyCharm, Jupyter, eclipse. Libraries: Pandas, NumPy, OpenCV, TensorFlow, Keras, PyTorch, XML, Matplotlib, Scipy.
- Operating Systems: Windows, Mac OS, Linux.
- Cloud Technologies: AWS, GCP.
- Others: Microsoft Office Suite, Zoom, Teams, Anydesk

HONORS & CERTIFICATIONS

- Certified google Associate Cloud Engineer.
- Certified AWS Cloud Practitioner.