Sai Phani Pallapothu

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EDUCATION

Stony Brook University   **August 2022 - December 2023**
GPA: 3.84/4
Courses: Teaching Assistant for CSE 337: Scripting Languages; Ranked #24/78 @ ICPC Greater NY Regionals 2022

Amrita School of Engineering   **June 2017 - June 2021**
Bachelor of Technology in Computer Science and Engineering
GPA: 9.1/10 with Distinction

EXPERIENCE

Lean Innovation Labs   May 2023 - Present
Full Stack Developer Intern, Reston, Virginia, United States
Developing an AI-based tool for automated management portal creation, streamlining business processes.

Microsoft   July 2021 - August 2022
Software Development Engineer, Hyderabad, Telangana
Built a chatbot on the Teams app to facilitate Azure service management; automated data exchange processes.

Microsoft   Jan 2021 - June 2021
Software Development Engineer Intern, Hyderabad, Telangana
Designed the Reuse Dictionary, improving organizational efficiency by centralizing reusable resources.

Microsoft   May 2020 - July 2020
Software Development Engineer Intern, Hyderabad, Telangana
Created Feedback Engine, leveraging Azure, to enhance user experiences through actionable insights.

PROJECTS

PASTA Inference Classification   November 2022
Skills: NLP, Python, TensorFlow, RoBERTa, T5
Developed a model using NLP and state-of-the-art language processing techniques to determine the validity of inference statements, enhancing AI interpretability.

Quiz App   March 2020
Skills: MERN Stack, ReactJs, JavaScript, HTML, NodeJs, MongoDB
Built an online quiz platform with features like auto evaluation and scorecard viewer, simplifying exam processes for educational institutions.

CodeOnDroid   August 2019
Skills: Java, Android, XML, Firebase
Designed a mobile coding application for Android with custom keyboard features, enabling on-the-go coding and problem-solving.

Bug Fixing Assistance Portal   January 2021
Skills: ReactJs, HTML, Java, Servlet, Apache Tomcat, XML
Created a portal facilitating effective communication and swift resolution of technical issues for end-users.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C#, SQL, HTML, CSS, C, C++, MatLab, .NET
Frameworks and Libraries: ReactJS, ExpressJS, NodeJS, NestJs, Flask, Django, TensorFlow, Keras, OpenCV, SciPy
Skills and Technologies: Front End Development, Machine Learning, Deep Learning, Computer Vision, NLP, Robotics, IoT, Linux, Android Development, Azure Cloud Services

EXTRA CURRICULARS

Senior Member of Code@Amrita (June 2018 - July 2021), conducted workshops and hosted programming contests.
Event Lead & Manager @ Anokha Techfest (February 2020), designed AI challenges and diverse computational contests.

OTHERS

Course Work: Teaching Assistant for CSE 337: Scripting Languages