

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