

Maddi Pranav Venkat Sai Sivaram

Portfolio Website

B.Tech

Computer Science Engineering

KL University, Vijayawada

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GitHub Profile

LinkedIn Profile

EDUCATION

- KL University** 2021-2025
B.Tech CSE Honors with CLOUD & EDGE COMPUTING specialization CGPA: 9.46
- Sri Chaitanya Junior college** 2019-2021
Board of Intermediate Education, Andhra Pradesh Percentage: 90.3%
- V. S. St. John's Higher Secondary School** 2018-2019
Central Board of Secondary Education (10th) Percentage: 81.6%

INTERNSHIPS

- Research Intern** (August 2023 - Present)
 - Under supervision of Prof. Srithar S published a paper, Currently conducting in-depth analysis of security vulnerabilities and potential attack vectors within the Network and Transport Layers.
- AICTE - Amazon Web Service Cloud Virtual Internship** (December 2022 - February 2023)
 - Focused on cloud computing with AWS. Gained practical experience with EC2, S3, and Lambda. Learned AWS management, deployment, and cost optimization.

PROJECTS

- Hand Gesture Recognition** (June 2024)
 - Developed a real-time hand gesture recognition system using OpenCV and MediaPipe.
 - Utilized Python and VSCode for efficient coding, debugging, and real-time webcam feed processing.
- Telegram Bot for Text Extraction** (March 2024)
 - Utilized AWS S3 Bucket, Lambda, DynamoDB, API Gateway, and IAM Role for backend processing.
 - Telegram serving as the frontend, for text extraction from an image Telegram bot.
- Event Management System** (December 2023)
 - Developed a user-friendly system using Spring Boot and Microservices with MySQL Database.
 - Implemented event creation, registration, and management functionalities.
- Project Management System** (December 2022)
 - Engineered using Python Django, MySQL and Hosted on PythonAnywhere.
 - Designed features for user account management, project creation and management, task management.

TECHNICAL SKILLS

Frontend: HTML, CSS

ML Frameworks: NumPy, Pandas, Seaborn

Backend: Python (Django, Flask), Java (Spring, Spring Boot)

ORM Frameworks: Hibernate, JPA

AWS Services: AWS Cloud

Relational Databases: SQL, MySQL

Data Structures and Algorithms

ACHIEVEMENTS

- Google Cloud Associate Engineer** | GOOGLE June 2024
- Red Hat Certified Enterprise Application Developer** | REDHAT August 2023
- Microsoft Certified Azure AI Fundamentals** | MICROSOFT April 2023
- Amazon Certified Cloud Practitioner** | AWS July 2023