Praneethnadh Vudattu

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SKILLS SUMMARY

- **Languages**:   **Java**, Python, JavaScript**,** HTML, CSS, C, C++
- **Tools**:   **VSCode**, IntelliJ IDEA, **Eclipse**, **PyCharm**, Turbo C, Windows
- **Frameworks**:   WordPress
- **Databases:**   **SQL**, **MySQL**, NoSQL
- **Coursework:**   **OOPS**, **Data Structures & Algorithms**, Computer Networks, Operating Systems, DMBS

CERTIFICATIONS

AWS Certified Cloud Practitioner | [Certificate]   **January 2024**

Demonstrated expertise in deploying, managing, and operating scalable, highly available, and fault-tolerant systems on AWS using services such as **EC2, S3, RDS, Lambda**, and **VPC**, ensuring **99.95%** uptime and optimizing performance, security, and cost efficiency.

Microsoft Azure Administrator Associate | [Certificate]   **October 2023**

Executed the implementation, management, and monitoring of Azure environments, encompassing virtual networking, storage, computing, security, and governance, achieving **99.9%** uptime while enhancing scalability, compliance, and operational efficiency.

PROJECTS

Online Course Registration Platform | [GitHub Link]   **March 2024**

- Engineered an Online Course Registration System for Students.
- Optimized SQL queries, accelerating page load times by **30%** and boosting overall system performance.
- Elevated user engagement by **40%** through designing an intuitive interface and implementing real-time content updates.
  Technologies: PHP, SQL, JavaScript, HTML, CSS.

Email Text-to-Voice and Translation System | [GitHub Link]   **December 2023**

- Developed an advanced email text-to-voice and translation system on Linux and Raspberry Pi, achieving **100%** automation and processing over **1,000** emails daily.
- Architected a comprehensive automation system using Python and translation APIs, handling over **5,000** entries monthly; enhanced data accuracy and decreased translation errors by **30%.**
  Technologies: Python, Raspberry Pi, gTTs, imaplib, SMTP.

Car Theft Detection System | [GitHub Link]   **August 2023**

- Constructed a real-time Python-based application to interact with sensors, analyzing data using **7+** modules..
- Leveraged **gTTS** (text-to-speech), Email, and imaplib, maximizing **90%** of the Raspberry Pi's GPIO capabilities..
  Technologies: Python, Raspberry Pi, gTTs, imaplib, SMTP.

EDUCATION

- **Vellore Institute of Technology (VIT), Amaravati**   Andhra pradesh, India
  *Bachelor's in Computer Science - Data Structures and Algorithms (**CGPA 8.21**)*   ***August 2021 - present***

- **Sri Chaitanya Academy Junior College, Tirupati**   Andhra pradesh, India
  *Andhra Pradesh Board of Intermediate Education Examination(**Percentage 84.9%**)*   ***June 2019 - May 2021***

- **Narayana EM School, Kuppam**   Andhra pradesh, India
  *AP SSC Board Examination (**CGPA 9.3**)*   ***June 2018 -April 2019***