Praneethnadh Vudattu

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LinkedIn | GitHub | LeetCode

Education

VIT - AP University, Amaravati	August 2021 – Ongoing
- B. Tech in Computer Science Engineering	GPA - 8.21/10
Sri Chaitanya Academy Junior College, Tirupati	June 2019 – June 2021
- MPC, Board of Intermediate Education, A. P.	Percentage - 84.9%
Naraya EM High School, Kuppam	March 2018 - March 2019
- MPC, APBIE	GPA - 9.3

Projects

Full Stack Online Course Registration Platform | March 2024   GitHub Link

- Designed and made Online Course Registration System for Students. **Optimized SQL queries**, reducing page load times by **30%** and enhancing overall system performance.
- Improved user engagement by **40%** through intuitive interface design and real-time content updates.
- Automated administrative tasks, decreasing manual workload by **50%** and ensuring data security with role-based access control.
- **Technologies used:** PHP, SQL, JavaScript, HTML, CSS

Email Text-to-Voice and Translation System | April 2023   GitHub Link

- Engineered an advanced email text-to-voice and translation system, automating conversion and translation processes achieving **100%** automation rate.
- Implemented on **Linux** and **Raspberry Pi**, enhancing efficiency, processing over **1,000** emails daily.
- **Technologies used:** gTTS, Python, googletrans, imaplib.

Car Theft Detection System | August 2023   Github Link

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

Technologies

Languages: Java, C++, C, Python, HTML, CSS, Javascript

Frameworks: React.js, Node,js, WordPress

Databases: SQL, MySQL, NoSQL

Dev Tools VSCode, IntelliJ IDEA, Eclipse, PyCharm, Turbo C, Windows

Coursework OOPS, Data Structures & Algorithms, Computer Networks, Operating Systems, DMBS

Soft Skills Communication, Critical Thinking, Learning Agility

Certiciations

Microsoft Azure Administrator Associate | October 2023   Certificate

- Proficient in implementing, managing, and monitoring Azure environments, encompassing virtual networking, storage, computing, security, and governance, ensuring **99.9%** uptime.

AWS Certified Cloud Practitioner | January 2024   Certificate

- Skilled 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.