VEDANT POTEKAR

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EDUCATION

College of Engineering, Pune   *January 2021 - May 2024*
Bachelor of Technology, Electronics & Telecommunication Engineering   CGPA: 7.79/10

SKILLS

Programming Languages: C, C++, Python, JavaScript, Solidity
Technologies: Node.js, React, Django, Foundry
Tools: Git, GitHub, NumPy, Matplotlib, Pandas, SQL
Areas of Expertise: Data Structures, Problem Solving, Machine Learning,
                            Operating System, Computer Networks

EXPERIENCE

Samsung Research Institute, Bangalore (SRI-B)
- Project Intern   *January 2023 - June 2023*
- Research Intern   *July 2023 - December 2023*

PROJECTS

IOT based solar powered water tank controller
System designed that tracks water level in a tank and operates the motor accordingly. User notified using website and mails. The motor is powered by battery, which is charged by a solar panel whose output is supervised by MPPT charge controller.

Interactive profiling
Device interaction profile system for smart home devices using ML techniques to improve the relevance and accuracy of activity and notification interactions for members and guests. Created a dataset of 10K+ entries, built a web simulator for beta testing using React.js and Django.

Codesync
Real-time multiuser synchronized code editor plus compiler web app, developed using React and Express.js. It utilizes WebSockets for instant updates, while providing a secure and seamless environment.

filecompressor
File compression program in C++ language using Huffman coding technique by using tree and heap data structures.

snakegame
A standard Nokia-like snake game using Python3 turtle library.

CERTIFICATIONS

Hackerrank Assessments
Assessment certificates in Problem Solving, Python, SQL, JavaScript

Introduction to ML
Workshop organized by IIT-KGP and COEP

CO-CURRICULAR WORK

Easy Code Classes   *Jan 2021 - Oct 2022*
Managed social media and public relations as Media secretary, contributed to web projects as a Web-Dev-2, conducted programming classes for budding first year students and participated to video solutions as Prayaas CP coordinator.