

VAMSI MURAPARTHI

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SKILLS

Front End: HTML | CSS | JavaScript | React | AJAX & API's

Back End: Node.js | PHP | MongoDB | MySQL | Python | Java

Visual: Illustrator | Photoshop | InDesign | Glyphs

Motion: After Effects | Premiere Pro | Capcut

Other Skills: GIT | Agile | Scrum

EDUCATION

Bachelor of Technology (Computer Science and Engineering)

Grad. 2024

Sagi Ramakrishnam Raju Engineering College

12th Standard

2018 - 2020

Jawahar Navodaya Vidyalaya

EXPERIENCE

Deep Learning and Data Science Engineer

Mar 2023 – Aug 2023

Proximal Soilsens Technologies Pvt Ltd

- Assisted the data science team in developing scalable sensor applications.
- Contributed to 95% of data model and algorithm development.
- Processed and cleaned around 100,000 data points for analysis.
- Accomplished data collection, cleaning, analysis, and visualization tasks.

Full Stack Developer

July 2022 – Sep 2022

Henotic Technologies Pvt Ltd

- Completed the training of the respective company.
- Designed and developed responsive and interactive user interfaces using HTML, CSS, and JavaScript.
- Conducted thorough testing, debugging, and code reviews to ensure code quality and minimize defects.

PROJECTS

Title: Prajwalan 2K23 Website

- Successfully developed and deployed a comprehensive and user-friendly college website for the Hackathon event, resulting in a 20% increase in Event registrations within two months.
- Optimized database queries and reduced query response time by 30%, improving application performance.
- Led the implementation of a CI/CD pipeline, reducing deployment times by 50% and enhancing development efficiency.
- Received recognition from the team for consistently delivering high-quality code and exceeding project milestones.

Title: Pot Hole Detection

- Developed a mobile app with Android Studio and Java, using built-in Android sensors to detect and report road potholes.
- The app offers a user-friendly interface for drivers and pedestrians to identify and report potholes, streamlining maintenance and repair.
- Leveraging Gyroscope and GPS data, the app accurately reports potholes, potentially reducing road hazards by up to 30%.

Title: Surveillance Camera Storage Optimization

- Implemented Python machine learning algorithms to optimize CCTV storage, resulting in a remarkable 40% reduction in storage space utilization while improving detection accuracy by 25%.
- Successfully scaled the solution to handle a network of 50+ cameras, showcasing its robustness and scalability in a real-world deployment.
- Integrated solution seamlessly into existing infrastructure.

CERTIFICATIONS

- Certificate From Cisco Python (PCAP Python Essentials).
- Certificate For Completing Data Structures and Algorithms Using Java from IIT Kharagpur.
- Certificate For Completing Full Stack Course in UDEMY.
- Certificate of Completion of JavaScript Course.

ACHIEVEMENTS

- 100+ problems solved in LeetCode.
- Participated in various contests in LeetCode.
- Executed a National Level Hackathon (Prajwalan 2k23).
- Mentor for Full Stack projects in National Level Hackathon.