

KRISHNA NIMBALKAR

Pune, India

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Education

Pimpri Chinchwad College of Engineering

Aug 2018 - June 2022

Bachelor of Engineering in Electronics and Telecommunications (CGPA of 9.91)

Pune, India

Experience

Schlumberger

Aug 2021 - Present

Associate Software Engineer

Pune, India

- Working on google cloud platform, data engineering.

Exa Mobility

Jun 2021 – Aug 2021

Embedded Systems and IoT Intern

Pune, India

- Worked on the development of smart charging points for electric two-wheeler.
- Developed a system for QR based fleet tagging using python and google sheets API.
- Managed data logging of various sensors such as accelerometer, GPS, etc.
- Gained hands-on experience of AWS Lambda.

Projects

Data Monitoring and Acquisition System For All Terrain Vehicle | Python, MySQL | [Github](#)

June 2021

- Implemented a wireless data acquisition system with efficient data logging and real-time monitoring of sensor data **reducing the test and validation time of vehicle by 30%**.
- Tech Stack Used: Linux Based Raspberry Pi, Arduino, Google APIs, Python, MySQL

Drone For Disaster Rescue Management | Python, Firebase, DroneKit-Python, OpenCV | [Github](#)

January 2021

- Using drone, the system is capable of sending the real time location of the people in flood affected area to rescue system using image processing and GPS system.
- Automated** the entire process of human lives detection for **rescue operation** providing a more efficient solution for disaster management.

Profile Links

- Leetcode
- GeeksforGeeks

Technical Skills

Languages: Python, Java, JavaScript

Technologies/Frameworks/Libraries: Google Cloud Platform, React.js, Express.js, Node.js

Tools: Git

Databases: MySQL, MongoDB

Other: Data structures and Algorithms

Achievements

- Awarded the 2022 best outgoing student award for outstanding performance in academics, co-curricular and extra curricular.
- Winner of innovative project competition at university level.
- Reginal finalist in national level innovation challenge organized by IIT bombay e-yantra, among top 18 teams from 300+ teams from all over the India.

Extracurricular

- Team lead for e-yantra innovation challenge project competition 2020-21.
- President of institution of electronics and telecommunication engineers (IETE) student's forum 2021-22.
- Member of team red baron PCCOE motorsports club 2020-22.