Vaibhav Jha

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Education

R. V. College of Engineering — Bengaluru, Karnataka

B.E, Electrical and Electronics, CGPA 8.15 — May 2022

- Best Innovative Final Year Project Award (1st Prize)
- Best Presentation Award (2nd Prize)
- Data Science Project: Forecasting Solar Irradiance
- Capstone Project: Design and Fabrication of Solar Panel Cleaning Robot

Relevant Coursework: Machine Learning (ML), Mathematics for ML, Computing in Python

Experience

EPSILON — Bengaluru, Karnataka

Developer 1 — Aug 2022 – Present

- Studied CrownPeak CMS and maintained existing codebase solving any bugs arising thereof
- Designed and programmed new functionalities in codebase as per requirements
- Assisted cross functional team to expedite progress in projects
- Communicated effectively across teams to ensure proper functioning

XPLAT — Remote

Data Science Intern — Aug 2020 – Sept 2020

- Analyzed medical image data and researched efficient ways of storing them

Projects & Leadership

Data Science Project — Bengaluru, Karnataka

Predicting Solar Irradiance — Sept 2020 – Dec 2020

- Designed modular data pipeline for exploratory data analysis
- Implemented single/multivariate & DL time series models for predicting solar irradiance with 80% accuracy on average

Capstone Project — Bengaluru, Karnataka

Design and Fabrication of Solar Panel Cleaning Robot — April 2022 – Aug 2022

- Sponsored by Govt. of Karnataka and handled a budget of ₹ 5 Lakhs
- Qualified for VTU funding
- Analyzed and designed robot according to multi-faceted requirements including, mechanical, electrical, and computing
- Patent application in process

Covid-Seva.org — Remote

Founder — May 2021 – Aug 2021

- COVID resource repository for India. Featured in Times Of India. Reached 50K people through our platforms. Helped save 20 lives and managed 60 volunteers across the country in 2 weeks of launch

Skills & Interests

Technical: Python, C++, C#, Java, Data Analytics and Machine Learning, CMS
Language: English, Kannada, Hindi, Maithili
Interests: Rock Climbing, Motorsports, Swimming, Travel