JAY NANDWANA

Software Engineer

8107115576 • jaynandwana2018@gmail.com • https://jaynandwana.vercel.app/ • https://www.linkedin.com/in/jay-nandwana/ • India

Skills

Technologies: Django · Flutter · Android Studio · Next.js · PostgreSQL · Google Firebase · WebRTC · Oracle DB · Node.js · Git/GitHub · Tailwind CSS

Programming Languages: C/C++ (STL Library) · Python · JavaScript · Java (Basic) · SQL

Coursework: Data Structures & Algorithms · Object Oriented Programming · Operating system · Database Management System · Computer Network

Achievements

⭐ **Accolite Digital Hiring Challenge 13.0 (Winner)**
Received Offer Letter for Software Development Engineer SDE - I
5 round Competition

⭐ **Programmer Analyst (Selected)**
Cognizant (Cyber Security Engineer)
Received Offer Letter

⭐ **UPSC CDS (2022 - II) Qualified**
AIR : 128
14 SSB Allahabad
Ex - Gentleman Cadet
Kohima Campany, Cariappa Battalion
Indian Military Academy, Dehradun

ACADEMIC PROJECTS

Road Quality Analysis and Parameterization
Bengaluru, India
08/2021 - 05/2022

Link to Project (Github)
- **Technologies : Flutter, Google Firebase, Google Maps SDK, ML library.**
- **Achieved 90%+ efficiency** and a High f1 score of 0.91 in predicting road conditions and producing the Road Quality Index (RQI).
- **Reduces the chances of accident up to 50%, fuel consumption up to 10% and commute time up to 15%**.
- Utilized mobile sensors including an accelerometer, gyroscope, and GPS providing **accuracy up to 90 % in data collection.**
- Developed a mobile application for both **iOS and Android platform.**

Beat-Bytes (Blog Website)
Bengaluru, India
11/2023 - 02/2024

Link to website
- **Technologies Used : Next.js, Tailwind CSS, Node.js, Google Firebase, vercel.**
- Developed a responsive blog website catering to diverse interests and audiences.
- Designed **light and dark themes** to personalize the blogging experience.
- Designed an interface that adapts seamlessly to various devices and screen sizes.

Bharat Shopee (E-commerce Website)
Bengaluru, India
11/2020 - 03/2021

Link to Project (Github)
- **Technologies used : Django, PostgreSQL, JavaScript, HTML/CSS.**
- Empowered local producers to showcase and sell their products efficiently in the digital marketplace.
- Implemented **ORM (Object-Relational Mapping)** to prevent SQL injections and enhance security.
- Seamlessly **integrated a UPI-based** online payment gateway, enabling transactions of up to 25 thousand rupees for enhanced convenience.

Education

Bangalore Institute of Technology
Bengaluru, India
2018 - 2022

B.E. (Computer Science and Engineering) │ CGPA: **8.01** / 10.00

D.A.V. Public School
Kota, Rajasthan
2017 - 2018

12th C.B.S.E. │ Percentage : **90.66** / 100

Experience

Exposys Data Labs
Bengaluru, India
03/2022 - 05/2022

Software Development Intern
- Contributed to the development of a web application enabling seamless peer-to-peer communication.
- Ensured seamless integration of WebRTC technology for reliable and efficient peer-to-peer interactions.