JAY NANDWANA

Software Engineer

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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

Achievements

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

⭐ **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 High f1 score of 0.91 in predicting road conditions and producing the Road Quality Index (RQI).
- **Reduces chances of accident up to 50%, Fuel consumption up to 10% and commutation time up to 15%** .
- Utilized mobile sensors including accelerometer, gyroscope, and GPS providing **accuracy up to 90 % in data collection.**
- Developed a mobile application for both **iOS and Android platforms.**

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

Link to website
- **Technologies Used : Next.js, Tailwind CSS, Node.js, Google Firebase, vercel**
- Developed a responsive blog website catering to diverse interest and audiences.
- Designed customizable themes to personalize the blogging experience.
- Designed a 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.