Rohan Vats

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SHORT PROFILE

Software developer with expertise in Python, Java, and JavaScript, focusing on innovative solutions like sentiment analysis and database management systems. Keen on integrating Django's backend with modern front-ends like Tailwind CSS.

EDUCATION

The Oxford College of Engineering, Bengaluru, Karnataka   Dec 2021 - Present
Bachelor of Engineering (Computer Science Engineering)

SKILLS

Programming Languages: Java, Python, C, C++, SQL
Web Development: JavaScript, Tailwind, Django
Libraries: OpenCV, Beautiful Soup 4, Pandas, Matplotlib
IDE: VS Code, IntelliJ IDEA, Pycharm, Android Studio

ACHIEVEMENTS

Secured Top 40 rank out of 100,000+ participants in National Coding Challenge, showcasing problem-solving aptitude and ability to deliver optimal solutions under tight deadlines.

Led college coding club with over 60 members, designing challenging coding assessments.

Collaborated with fellow attendees at Google's 'Build with AI' event to learn and explore the latest advancements in AI technologies, including Google Cloud, Gemini, and Gen App Builder.

VOLUNTEER PROJECTS

Smart Farm Network Portal | *Python (Flask), MySQL, JavaScript, HTML, CSS*   May 2024 – Present
- Developed and deployed comprehensive smart farm management system, improving farm operations and customer access.
- Implemented user management, product catalog, order tracking, and financial reporting.

NGO Database Management | *Python, SQL, JavaScript*   Jan 2024 – Mar 2024
- Architected database schema with 19 interconnected tables to manage complex NGO data.
- Developed ER diagram to visualize NGO Database, ensuring data integrity & efficient querying.

Basic Sign Language App | *Android Studio*   Nov 2023 – Dec 2023
- Built an app to improve communication access for the hearing impaired.

INTERNSHIP

Varcons Technologies Pvt Ltd, Bengaluru, India | *Intern*   Oct 2023 – Nov 2023
- Designed & implemented social media sentiment analysis system using BERT for natural language processing, achieving 97% accuracy after training on 1.6 million tweets.
- Built real-time data processing platform with Flask API & user-friendly web page.
- Managed 4-member team, completing project on-time through coordination & delegation.

PERSONAL SKILLS

Skilled at presenting complex technical & non-technical ideas in a clear & concise manner.

Driven to achieve project goals & deliver measurable results, exceeding expectations.