

Ankit Kumar Singh

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EDUCATION

Vellore Institute of Technology

Computer Science with Spec in Information Security

Cumulative GPA: 8.79/10.0

Coursework: Software Engineering; Operating Systems; Data Structures and Algorithms; Artificial Intelligence; DBMS; Computer Networks; Information Security Management & Audit Analysis

Vellore, India

Sept 2021 – Present

Delhi Public School

Senior Secondary Education

Percentage: 94.3%

Bokaro, India

June-2018 – May 2020

WORK EXPERIENCE

Frontend Developer Intern

ACTIKNOW CONSULTING PVT. LTD.

- Engineered and optimized multiple Android applications by integrating advanced Java features and Android Studio tools, reducing app crash rates by 80% and improving feedback ratings by 30%.
- Wrote a Python script to automate social media scheduling, cutting down content management hours by 20% and boosting user interaction by 30%.

Frontend Developer Intern

OROM CO.LTD

- Developed entry-level mobile applications with robust functionalities; reduced app load time by 40%, leading to positive feedbacks. Built android apps with the Flutter team, integrating user-friendly interfaces and interactive features.

New Delhi, India

Aug 2023 – Oct 2023

Vellore, India

Feb 2022 – Apr 2022

PROJECTS

Tank-E: Smart Water Management Solutions

- Developed a comprehensive IoT & GSM-based True Wireless System with automatic motor controls, water-level indicators, SMS alerts and GSM communication; powered by solar energy or rechargeable battery, securing top 10 position in a competitive 3-day hackathon

Portfolio

- Designed a personal portfolio responsive website from scratch displaying personal details and projects.

Practice Projects

Gemini Clone

- Leveraged the Gemini API and React.js to design and implement a fully functional Gemini clone mirroring the core functionalities of Google's Gemini. This project showcased my ability to integrate complex APIs, handle real-time data, and create a seamless user experience.
- The intuitive and responsive UI, built with React.js, added to its 90% similarity in the project.

E-commerce App

- Created a full-stack e-commerce application including features such as product management, user authentication, and secure payment processing.

TimeWise

- Crafted a web-browser extension featuring real-time tracking, of website browsing; boosting productivity by 40%.

ACTIVITIES

Visual Bloggers' Club, VIT

Ex-Head of Management

- Spearheaded innovative discussions; drove group participation, achieving 60% boost in active involvement and on-point knowledge sharing.
- Organized and advertised 15+ technical and literary events with overall 1000+ participants in the university in collaboration with the Events department.
- Took the responsibility for internal management and smooth flow of work between the domains.

Institute of Engineers (India), VIT

Chapter Member

- Resolved 10+ critical technical challenges by collaborating with cross-functional teams, enhancing system stability and reducing downtime by 60%.
- Ideated 6+ creative events during the tenure increasing student participation.

TECHNICAL SKILLS

Frameworks and Version Control: Express.js, Git and GitHub

Languages: Java, JavaScript, Python, C, C++, HTML, CSS, SQL

Databases: MongoDB, MySQL

UI/UX: Figma, Canva

Softwares: Android Studio, VSCode, ModelSim, Keil Microvision

Networking and Security Tools: Cisco Packet tracer, Wireshark