

ARANYA BAHUGUNA

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Education

VIT Bhopal University (Expected May, 2026)
B. Tech CSE(Core) | CGPA: 8.76

Rainbow Public School, Srinagar Garhwal, Uttarakhand (Mar, 2020 – July, 2022)
Higher Secondary | Percentage: 93.3%

Skills

- HTML, CSS, JavaScript, Web flow, PHP, Python, Java, Figma, React, Vite, MongoDB, Supabase, Firebase.
- Java, MySQL, DBMS, Python.

Projects

SOS-Service (Sep, 2024 – Feb, 2025)

- Led full-stack development of an SOS Emergency System using React, enabling real-time streaming and display of images and location data, ensuring timely and accurate information delivery on the web interface.
- Developed and integrated secure APIs connecting the mobile app, machine learning backend, and web interface, improving data transmission reliability and reducing update delays.

Inventory Management (Jan, 2025 – Feb, 2025)

- Developed a full-stack Inventory Management System using the MERN stack, enabling efficient addition, update, and real-time tracking of inventory items with a clean and intuitive user interface, improving accuracy.
- Implemented role-based access control to manage 3 distinct user roles, supporting scalable operations and enabling real-time tracking of inventory updates with less than 2-second delay through seamless client-server communication.

AES Image Encryptor (Feb, 2024 – May, 2023)

- Developed an advanced image encryption platform using AES, boosting data security and reducing breaches in the first quarter while improving processing speed through optimized encryption algorithms.
- Collaborated 4 industry-relevant certifications including IBM Machine Learning, MERN Stack Development, and NPTEL courses on Cloud Computing and Business Analytics, showcasing a commitment to continuous learning and broadening technical expertise.

Extra-Curricular and Achievements

Achievements

- Ecom-Thon Runner-up: Secured 2nd place in a competitive tech-cultural fest by pitching our idea.

Extracurricular

- Cricket: Secured 1st place at Aarambh 2022 and 2nd place in Advitiya 2023.
- Core-Member, NSS VIT Bhopal – Led a team for NSS Tree Plantation Drive for planting 10,000 trees, participated in 2 7-day Special Camp, and contributed in NSS Youth Parliament.
- Founder and Coordinator of Pahadi Club VIT Bhopal.

Additional Information

- Hobbies: Playing Guitar, Gaming, Cooking, Writing, Sports.
- Languages: English (Professional working proficiency), Hindi (Native or bilingual proficiency).