
EDUCATION

Chandigarh University, Punjab, India**2021 - 2025**

- Bachelor of Engineering (B.E.) in Computer Science with Specialization in Big Data Analytics

EXPERIENCE

Software Developer**08/2025 - Present**

Aalgorix: Immersive- First AI platform (Startup)

Noida

- Built and deployed an **AI-enabled web application**, developing interactive frontend interfaces with **React and Three.js** and integrating backend services to support **AI-driven features and data workflows**.
- Productionized the platform using **AWS, Docker, and CI/CD pipelines**, enabling scalable deployment of AI-powered components with reliable uptime and fast iteration cycles.

Software Developer Intern**09/2023 - 10/2023**

Bhaskaracharya National Institute for Space Applications and Geo-Informatics (BISAG-N)

New-Delhi

- Engineered high-performance web applications utilizing **Spring Boot** and **MVC frameworks**, leading to improved load times by 30% and enhancing user experience for over 2,000 daily active users.
- Coordinated efforts among cross-functional groups to **optimize database queries**, resulting in a reduction of query execution time by over two minutes per transaction on critical processes within the web applications.

TECHNICAL COMPETENCIES

- **Languages:** C/C++, JavaScript, HTML, CSS, Python, Java
- **Cloud & DevOps:** AWS, Docker, Kubernetes, VPS, CI/CD, Git, GitHub
- **Databases & Data Systems:** PostgreSQL, MongoDB, SQL, Oracle, Vector Databases
- **Frameworks & Libraries:** Node.js, React, Redux, Express.js, Spring Boot, Spring MVC, Three.js
- **Tech Stack:** MERN, RESTful APIs, Microservices
- **AI & Data:** Machine Learning, NLP, Vectorization, Data Structures & Algorithms

PROJECTS

Real Time Object Detection | TensorFlow, Deep Learning, Python[Project Link](#)

- Achieved an object detection accuracy of **over 85%** on the COCO dataset while processing video frames at a speed of **30 frames per second** using TensorFlow's optimized models.
- Successfully deployed the model on a cloud platform, enabling real-time detection for up to **10 concurrent video streams**, with a processing latency of less than **100 milliseconds** per frame.

Resume Analyzer | Generative AI & NLP[Project Link](#)

- Developed an **AI-powered resume analysis system** that parses resumes, evaluates **ATS compatibility**, and generates **role-specific, recruiter-style improvement suggestions** using NLP and large language models
- Implemented **resume-to-job matching** with **vector embeddings** and **Retrieval-Augmented Generation (RAG)** to perform accurate skill gap analysis and deliver context-aware feedback.

Sahand Estate | React, Redux, Node.js, Express and MongoDB[Project Link](#)

- Developed a full-stack real estate application using the **MERN** technology suite that enhanced property listing management; reduced update time on new rentals by an average of two hours each day.
- Engineered a comprehensive **CRUD** functionality for property listings, enabling seamless updates, image uploads, and effective management through user profiles.

CompetitiveCodingContestReminder | JavaScript[Project Link](#)

- Developed a Chrome extension using JavaScript and Chrome APIs to aggregate and display active and upcoming coding contests from multiple platforms.
- Integrated **RESTful APIs** to collect contest data and implemented search and real-time notification features, improving event discoverability and timely alerts.