

SUMMARY

Software Development Engineer candidate specializing in Java, Python, and AWS. Expert at architecture which is scalable distributed systems and serverless solutions that optimize performance. Proficient in CS fundamentals with a proven ability to translate broadly defined problems into customer-centric, high-impact software within agile, high-scale environments.

PROGRAMMING SKILLS

- **Languages:** Python , Java , SQL , HTML , CSS , Javascript.
- **AI/ML:**Generative AI (LLMs/VLMs) , RAG Pipelines , NLP , Vertex AI , PyTorch , Scikit-learn , NumPy.
- **Technologies:** AWS (Lambda , API Gateway , SAM) , Docker , Git , Firebase
- **Frameworks:** React.js , SpringBoot , Node.js/Express.js, FastAPI.
- **Databases :**PostgreSQL , MongoDB , Firestore (NoSQL)

EDUCATION

- **Ryan International Group of Schools** Vapi , Gujarat
Primary and Secondary Education Aug. 2007 – Mar. 2023
- **Maharashtra Institute of Technology** Pune , Maharashtra
Bachelor of Engineering in Information Technology Aug. 2023 – July. 2027

EXPERIENCE

- **Aivalytics** Remote, India
Full Stack Web Developer May 2026 - Present
 - **Integration of Placement Syllabus:** I engineered robust backend solutions by implementing OAuth 2.0 for secure, seamless user authentication and session management. Additionally, I architected the Placement Syllabus module, developing scalable APIs to efficiently manage and deliver domain-specific preparatory content, ensuring high data availability and a streamlined learning experience for students.

PROJECTS

- **CampusMart: Peer-to-Peer Academic Marketplace**
Online Second Hand Products Shopping Website
 - **Verified Academic Ecosystem:** Engineered a secure marketplace using JWT and Bcrypt, restricting access to verified institutional emails to eliminate fraudulent campus listings.
 - **Dynamic Asset Management:** Built a scalable CRUD system with MongoDB and Express, featuring optimized category querying and real-time listing status updates.
- **PathFinder: Adaptive Domain Roadmaps and Career Guidance**
Career Guidance Website
 - **Dynamic Learning Path Orchestration:** Engineered a persistent state-tracking system using Redux and MongoDB to analyze and map user progress data, dynamically adjusting career roadmaps .
 - **Curated Resource Integration and State Tracking:** Developed a persistent progress tracking system using MongoDB and Redux, allowing students to save milestones and access curated learning resources tailored to their specific career goals.

EXTRA CO-CURRICULAR

- **Rowing:** 2 Times Runner Up at Intercollegiate Championship in Rowing
- **Treasurer at IGNITE:** Handling Finance for IGNITE club for Tenure 2025 - 2026
- **Indian Model United Nations:** Achieved Best Delegate representing China in the International committee at the Indian Model United Nations, successfully negotiated , drafted and secured a resolution on [Terror Attack] and also I was Chair at INMUN from Tenure 2022 - 2023.