

ATHARVA RAMESH DASEWAR

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Education

Vellore Institute of Technology

Sept 2022 – May 2026

Bachelors of Technology - Computer Science and Engineering

Skills

Languages: C++, C, Python, Java, JavaScript

Technical Tools: AWS, Docker, Git, Github, Linux, Azure, Docker, Terraform, API Gateway

Frameworks and Libraries: React.js, Node.js, Express.js

Databases: MongoDB, MySQL

Projects

Cloud-Based Bookstore Library,

June 2023 – Sep 2023

- Engineered a scalable, full-stack cloud platform for online book purchasing and borrowing, addressing the need for centralized digital access.
- Built with React.js, Node.js, MongoDB, and AWS (S3, Lambda, DynamoDB) for secure, serverless deployment and dynamic scaling. Achieved 2,000+ transactions in the first month, reduced hosting costs by 40 percent, and enhanced system reliability and scalability.

Voyage Vista – Travel Planning Website,

June 2024 – Sep 2024

- Designed a community-driven web platform providing real-time, personalized trip recommendations for travelers.
- Implemented using React, Node.js, Express, and MongoDB, integrated Google Maps API, and optimized database queries for faster performance. Improved search response times and boosted user engagement, gaining experience in data optimization and UI/UX design.

AI Agent for Code Evaluation and Report Generation,

June 2024 – Sep 2024

- Developed an AI-powered automation platform to evaluate coding assignments and generate reports, reducing manual grading time by 70%
- Integrated LLMs (Google Gemini, Ollama) into a Node.js, Express.js, React.js stack for contextual code review and detailed feedback generation. Designed cost-optimized cloud workflows, strengthening skills in AI integration, automation, and scalable architecture.

Certification

- IBM DevOps Certificate by IBM

- Bits and Bytes of Computer Networking by Coursera

- MERN Full Stack Developer by MongoDB

Leadership and Activities

Microsoft Club,

May 2023 – June 2023

- Led workshops on cloud computing and DevOps, mentoring 100+ students. Managed technical fest web-app development for 2,000+ participants.

Marathi Club,

June 2024 – Sep 2024

- Organized cultural events for 300+ attendees, developing teamwork and event management skills.