

ADITYA CHOORAMANI

Full-Stack & Cloud Developer

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PROFESSIONAL SUMMARY

Final-year BCA student and full-stack developer focused on building and shipping cloud-native web applications end to end. Delivered 3 production applications across the stack with React.js and Next.js on the frontend and Node.js, Express.js, and Python/Django on the backend, deployed on AWS (EC2, S3, RDS) and Azure using Docker and CI/CD pipelines. Strong in designing scalable RESTful APIs, managing cloud infrastructure, and integrating third-party services, with national and global hackathon recognition for real-world systems.

ACHIEVEMENTS & RECOGNITION

Semi-Finalist, Microsoft Imagine Cup 2026: Selected in the top tier globally for Dustinel AI, securing \$25,000 in Azure architecture credits.

National Grand Finalist, Smart India Hackathon (SIH) 2025: Ranked in the top 2% nationwide for the Sagar Sahayak maritime monitoring prototype.

TECHNICAL SKILLS

Cloud & DevOps: AWS (EC2, S3, RDS, Route 53), Microsoft Azure, Docker, CI/CD Pipelines, Git/GitHub, Linux, Nginx.

Languages: JavaScript (ES6+), TypeScript, Python, C/C++.

Frontend: React.js, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS, Responsive Web Design.

Backend: Node.js, Express.js, Django, FastAPI, REST API Design, WebSockets.

Databases: PostgreSQL, MySQL, MongoDB, AWS RDS.

Practices: Containerization, API Documentation (Postman), Agile Collaboration, Microservices Integration.

PROJECTS

Dustinel AI: Worker Safety Web Platform | Live App

Mar 2026

Lead Full-Stack Developer (3-Member Team) | React.js, Next.js, Node.js, Express.js, PostgreSQL, Docker, AWS, Azure

- **Architected** a full-stack platform end to end, building a responsive **React.js / Next.js** frontend with real-time WebSocket dashboards and role-based UI serving 50+ active users.
- **Developed REST API** services with **Node.js** and **Express.js**, integrating third-party AI services (GPT-4o, Azure AI Vision) and returning structured JSON to the client.
- **Deployed** the application to **AWS (EC2, S3, RDS)** and **Azure** using **Docker** and **CI/CD pipelines**, backing data with **PostgreSQL** and managing secrets with zero hardcoded credentials.

Sentinel Eye: Geospatial Analytics Dashboard | GitHub Repo

Feb 2026

Lead Backend & Cloud Developer (3-Member Team) | Node.js, Express.js, REST API, AWS S3/RDS, MySQL, Docker

- **Designed** scalable **REST API** endpoints with **Node.js** and **Express.js** over **MySQL**, processing 1.6 GB of geospatial data at sub-200ms response times, documented in Postman.
- **Built** automated data ingestion pipelines from **AWS S3** with optimized payloads, cutting API delivery times by 40% and powering downstream dashboard visualizations.

Sagar Sahayak: Data Aggregation System | GitHub Repo

Dec 2025

Backend Engineer (4-Member Team) | Python, Django, REST API, PostgreSQL, System Integration

- **Built** a **Python** and **Django** backend for high-frequency sensor ingestion, parsing unstructured hardware payloads into structured **REST API** responses with 99% uptime during field testing.
- **Documented** data schemas and API contracts to support cross-team collaboration and frontend-backend integration.

EDUCATION

Rajiv Academy for Technology and Management

Mathura, India

Bachelor of Computer Applications (BCA) | 75% average

Expected April 2027

Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks.

St. Paul's Senior Secondary School

Mathura, India

Class XII (Senior Secondary Education) | 76%

April 2024

Open to full-stack, backend, and cloud developer roles.