

# ATHARVA DHARMENDRA JAGTAP

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## SUMMARY

Results-driven Full-Stack Developer (Python • Node.js • React) and Computer Science & Engineering Student (B.Tech CSE) with over 3 years of experience designing, developing, and debugging scalable, AI-driven web and android applications. As a Google Developer Program Member and Ex-Intern @ EDBA Academy, I bring a strong balance of technical depth, innovation, and problem-solving to every project.

## EXPERIENCE

### Full Stack Development Intern

*Edba Academy (A Venture of Surfboard India)*

May 2024 – July 2024

Mumbai, India

- Enhanced the UI/UX of the web application using **React.js**, boosting visual consistency and interactivity by 20%.
- Optimized front-end responsiveness and back-end services with **Node.js**, reducing average load times by 15% and increasing overall system performance by 20%.
- Designed and integrated scalable RESTful APIs, successfully cutting data retrieval latency by 10%.
- Expanded platform capabilities by 30% by leveraging **Gemini APIs** to introduce advanced, AI-driven functionalities.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, Java, C, C++, PHP

**Frontend:** React.js, Next.js, React Native, Electron.js, HTML, CSS, Tailwind CSS

**Backend & DevOps:** Node.js, Express.js, Flask, Google Cloud Platform (GCP)

**Databases:** MongoDB, Firebase, SQLite

**AI/ML:** Vertex AI, Google Agent Dev Kit

**Tools & Platforms:** Git, GitHub, VS Code, Linux, Postman, Vite, Expo

**Soft Skills:** Problem-Solving, Communication, Teamwork, Adaptability, Time Management, Presentation

## PROJECTS

### Designo – AI-Powered Figma Plugin | *GenAI, Figma API, React.js*

- Built a GenAI-based plugin to convert natural language prompts into high-fidelity UI designs, accelerating the design-to-code workflow.
- Developed intelligent placement algorithms that improved component arrangement efficiency by 25%.

### Elliot – AI-Powered Development Suite | *Natural Language Processing (NLP), AI Agents, Node.js*

- Led the development of a language-driven platform for generating complete **full-stack applications** from a single prompt.
- Integrated multiple AI agents for task automation, reducing boilerplate code generation time by 40%.

### SkillsElevate – Adaptive AI Learning Platform | *React.js, Firebase, GenAI*

- Designed an AI-powered platform with over **1000+ practice questions** and personalized, real-time feedback.
- Implemented gamified learning features, driving a 30% increase in user engagement.

## HACKATHONS

### Nation Level Agri-Tech Hackathon | *Top 5 out of 734+ teams*

April 2025

- Developed an AI-powered platform to provide farmers with data-driven insights for crop and fertilizer selection.
- Integrated a computer vision model for real-time plant disease diagnosis and an alert system for weather changes.

### State Level Codeverse Hackathon | *Finalist in 218+ teams*

Nov 2024

- Architected an Intelligent Document Processing (IDP) solution to automate data extraction from government documents.
- Utilized ML and NLP models to achieve Three Sigma accuracy with a sub-3-second processing time per document.

## ACHIEVEMENTS

- Winner** — MSBTE State-Level Technical Paper Presentation (2024)
- Finalist** — MSBTE State-Level Project Competition (2025)

## EDUCATION

### Fr. Conceicao Rodrigues College of Engineering *B.Tech in Computer Science Engineering*

Aug 2025 – Present  
Mumbai, India

### Vidyavardhini's Bhausaheb Vartak Polytechnic *Diploma in Computer Engineering*

Aug 2022 – May 2025  
Mumbai, India