

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

May 2024 – July 2024

Edba Academy (A Venture of Surfboard India)

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