# ATHARVA DHARMENDRA JAGTAP

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## SUMMARY

Innovative Computer Science student with 2+ years of experience developing full-stack, AI-driven web applications. Proficient in React.js, Node.js, and Generative AI, with a proven ability to architect and deploy scalable solutions. Adept at translating complex problems into functional software, demonstrated through top-placing hackathon projects and a successful internship.

## 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 2023**

- 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**       **Aug 2022 – May 2025**
*B.Tech in Computer Science Engineering*       *Mumbai, India*

**Vidyavardhini's Bhausaheb Vartak Polytechnic**       **Aug 2019 – May 2022**
*Diploma in Computer Engineering*       *Mumbai, India*