

# ABHINAY YENDOTI

AI-Native Full-Stack Developer — Automation Systems — Shipped 4 Live Products

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## ABOUT

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AI-native full-stack developer building products with modern agentic development workflows using **Claude Code**, **Cursor** and **automation-first systems**. Experienced shipping full-stack applications using **React**, **FastAPI**, **Python**, **Node.js** and **MongoDB**, with AI as a first-class component in software development, product logic and intelligent automation.

## AI-AGENT DEVELOPMENT WORKFLOWS

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- Use Cursor and Claude Code as a force multiplier for end-to-end product shipping.
- Scope tasks to coding agents, review diffs and refine generated output for production use.
- Use agents across prototyping, debugging and rapid feature delivery.
- Strong interest in multi-agent systems and AI-native software development.

## SELECTED PRODUCTS BUILT AND SHIPPED

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### LeadFlow — Intelligent CRM Workflow Automation System [\[Live\]](#) [\[GitHub\]](#)

*Node.js • Express • MongoDB • WhatsApp API • Nodemailer*

- Built CRM automation system capturing leads, storing data in MongoDB and triggering automated WhatsApp and email notifications.
- Developed backend workflows for lead routing, priority scoring and multi-channel notification orchestration.
- Used Claude Code to accelerate feature development, generate implementation drafts and iterate rapidly across backend modules.
- Reviewed, refined and integrated Claude-generated code into production workflows while maintaining architecture and code quality.

### Introvert Chatter — Social Conversation Platform [\[Live\]](#) [\[GitHub\]](#)

*React • TypeScript • Supabase • Vite • Tailwind CSS*

- Built room-based social conversation platform focused on interactive chat and community engagement.
- Implemented Supabase-backed authentication, room management and conversation workflows.
- Developed modern frontend architecture using React, TypeScript and Tailwind focused on product experience.
- Explored community-driven product concepts around human matching and conversational interaction.

### AI-Powered Carbon Footprint Calculator [\[Live\]](#) [\[GitHub\]](#)

*Python • Scikit-learn • React • REST APIs • MongoDB*

- Built ML prediction system achieving 85% model accuracy for carbon impact estimation.
- Developed data preprocessing and feature engineering pipeline for reliable inference.
- Exposed ML predictions through REST APIs and integrated results into a deployed web application.
- Managed full pipeline from model development to deployed product.

### Secure Image Compression Platform [\[Live\]](#) [\[GitHub\]](#)

*Next.js • TypeScript • Firebase • Tailwind CSS • HTML5 Canvas • JSZip*

- Built privacy-first browser-based image compression platform with client-side processing and multi-format support.
- Implemented batch compression, format conversion and optimization workflows using Canvas APIs and Firebase-backed functionality.
- Developed secure, mobile-first application focused on performance optimization and privacy-first design.

## EXPERIENCE

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### Software Engineering Intern – CodeBegun

2024

- Built backend modules and REST APIs using Java and Spring Boot in production-oriented workflows.
- Contributed to debugging, integration and scalable service-layer architecture.
- Worked in iterative agile development cycles with focus on shipping and maintainability.

## EDUCATION

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### Vel Tech University, Chennai

Expected 2026

B.Tech in Artificial Intelligence & Machine Learning

CGPA: 8.6/10

## TECHNICAL SKILLS

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- **Programming Languages:** Python, Java, JavaScript, SQL, C++

- **Frontend Development:** React.js, TypeScript, HTML, CSS, Tailwind CSS
- **Backend Development:** FastAPI, Spring Boot, Node.js, REST API Development
- **Backend / Data:** MongoDB, MySQL, Supabase, Firebase
- **AI/ML:** Scikit-learn, Machine Learning Pipelines, Prompt Engineering
- **AI Agent Workflows:** Claude Code, Cursor, Agent Orchestration, Prompt-Driven Coding Workflows
- **Developer Tools:** Git, GitHub, Maven, Postman, Vercel

## CERTIFICATIONS

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- AWS Solutions Architecture Simulation – Forage
- Generative AI Certification – Infosys Springboard
- Artificial Intelligence Professional Certification – OneRoadmap

## ADDITIONAL

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- Built and deployed 4 live products independently.
- Active GitHub portfolio with open-source repositories spanning AI products, automation systems and full-stack applications.
- Built using AI-first development workflows where coding agents are part of the engineering stack.
- Strong interest in startups, product building and fast-shipping environments.