

SUPRABHAT

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PROFESSIONAL SUMMARY

Full-stack and AI-focused computer science student building scalable web applications with Next.js, Node.js, Python, and TypeScript. Experienced in object-oriented programming, API design, and collaborative product development, with hands-on work in authentication, payment workflows, RAG pipelines, and AI-driven user experiences. Strong interest in software engineering fundamentals, code quality, and building reliable products that improve customer outcomes.

EDUCATION

IIMT University

Bachelor of Technology (B.Tech)

2023 – 2027 (Expected)

SKILLS

Python, TypeScript, JavaScript, Object-Oriented Programming, Data Structures and Algorithms, Next.js, Node.js, React.js, API Design, RAG and LLM Orchestration

EXPERIENCE

Growify India

Full Stack Developer & Content Head

September 2025 – Present

- Architected a scalable home renovation platform with secure Aadhaar-based identity verification and multi-role authentication to improve trust and access control.
- Developed financial workflow modules, including escrow payment integration, to support secure transactions and reliable marketplace operations.
- Collaborated on AI-assisted design features and internal workflow automation to improve user decision-making and service efficiency.

Freelance

Full Stack & AI Agent Developer

November 2024 – September 2024

- Built high-performance full-stack applications using Next.js and Node.js, focusing on responsive UI, API integration, and maintainable architecture.
- Implemented autonomous AI agents and LLM-powered workflows for real-time task automation and intelligent user interactions.
- Designed Retrieval-Augmented Generation (RAG) pipelines to improve response accuracy and reduce hallucinations in production chat experiences by 80%.

PROJECTS

ZenScail [LIVE](#) [CODE](#)

ZenScail reads your inbox and calendar so you don't have to. Every morning, one calm brief: what matters, what can wait, and what's already handled for you.

- Built ZenScail, an AI-powered email and calendar assistant that generates daily briefs, drafts context-aware replies, and auto-schedules meetings.
- Designed a bring-your-own-API-key architecture with AES-256 key encryption, enabling a free tier without compromising user data privacy.
- Shipped an integrated inbox-calendar experience that reduces email triage time by summarizing threads and surfacing only actionable items.

ATScV [LIVE](#) [CODE](#)

AI-powered ATS resume optimization platform.

- Created an ATS-focused resume tool to analyze resume quality and improve alignment with job descriptions.
- Applied AI-driven content analysis to help users generate clearer, more keyword-relevant resumes for hiring systems.(this resume is also build using this tool)