

# Vidit Parashar

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## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, HTML, CSS, Java, Python

**Databases:** SQL, NoSQL, MongoDB, PostgreSQL

**Frameworks/Libraries:** Next.js, React.js, React Native, Node.js, Redux, Redux Toolkit, Socket.io, LangChain, Zustand, Material UI, Bootstrap, Tailwind, ApexCharts, Recharts.js, GSAP, Styled Components, ShadCN, NextUI, PWA, Ionic, Mongoose, Prisma, LLMs

**Tools/Technologies:** Node, NPM, Yarn, Vite, Webpack, Git, Vercel, Firebase, CI/CD, Appwrite, UX, AWS, Docker, Microsoft Azure

**Soft Skills:** Excellent Communication, Troubleshooting, Problem Solving, Team Management, Decision Making

## EXPERIENCE

### Founding Software Architect

Nov 2025 – Dec 2025

*Plato Tech*

- Built **MedScribe**, an **AI medical scribe platform** that converts real-time doctor–patient conversations into **structured, EHR-ready clinical notes** using speech-to-text and medical NLP.
- Developed end-to-end clinical documentation workflows covering SOAP notes, encounter summaries, and patient-friendly visit reports with high medical terminology accuracy.
- Worked closely with product and clinical teams to deploy MedScribe for **two large hospital chain clients**, supporting multi-specialty outpatient workflows.
- Contributed to platform scalability and reliability as the company progressed toward its **seed funding round**, supporting enterprise readiness and compliance-driven design decisions.

### Software Engineer

Aug 2024 – Aug 2025

*HSI Labs*

- Designed and built **AI-powered healthcare agents** including **Medical Scribe**, **Patient Intake**, **Clinical Decision Support**, and **Medical Coding Agents** using **Next.js**, **LangChain**, and LLM orchestration frameworks.
- Fine-tuned and deployed **Large Language Models (LLMs)** for real-world clinical workflows, improving diagnostic assistance accuracy and structured medical documentation quality.
- Implemented advanced **NLP pipelines** to automate clinical note generation, reducing physician documentation time by **40%** during pilot deployments.
- Integrated **EHR-compatible data models** and workflows, enabling seamless adoption in academic healthcare environments including **Howard University** and **University of Central Florida (UCF)**.

## PROJECTS

### Voxa Voice AI Assistant | *ElectronJS, Node.js, Azure Functions, Microservices* | [Website](#)

Aug 2025 – Present

- Architected an **intelligent voice-powered AI assistant** using **ElectronJS** and **Azure Functions**, featuring wake word detection ("Hey Voxa") and natural language command processing with **Deepgram + Whisper** integration.
- Implemented **microservices architecture** with **Node.js** backend for scalable command processing, intent classification, and entity extraction, enabling multi-turn conversations and context awareness.
- Developed advanced **Natural Language Processing** pipeline for intelligent response generation, supporting email composition, document creation, list management, and system commands with **95%+ wake word accuracy**.

### Resup.dev – AI-Powered ATS Resume Builder | *Next.js, Python, Tailwind CSS* | [resup.dev](https://resup.dev)

2025 – Present

- Built an **AI-driven resume generation platform** that converts user input or existing resumes into polished, **ATS-friendly formats** with templates and export options.
- Engineered end-to-end **resume parsing and optimization pipelines** in **Python** leveraging NLP/ML techniques to ensure formatting and keyword suitability for ATS systems.

## EDUCATION

### Rajiv Gandhi Proudyogiki Vishwavidyalaya (R.G.P.V)

*Bachelor of Technology in Computer Science; GPA: 8.21*

Bhopal, MP, India

*Oct 2021 – June 2025*