

HARDI MEHTA

Ahmedabad, Gujarat

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PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of experience building and scaling modern web applications using React, Node.js, and the MERN stack. Currently focused on architecting agentic AI systems — including the redesign of an in-product AI assistant using LLM tool-calling, RAG, and multi-tool orchestration — alongside backend development, RESTful APIs, and third-party integrations. Drive technical decision-making and architecture direction within the team, review code, and mentor junior engineers. Hands-on experience with AWS services and application deployment. Proven ability to quickly adapt to new technologies, take ownership of core modules, and collaborate effectively within cross-functional teams to deliver scalable solutions. Worked across domains including SaaS, FinOps, and e-commerce.

EXPERIENCE

AppVentory (formerly Coachbar) | Ahmedabad, India

Feb 2024 – Present

Senior Software Engineer | Feb 2026 – Present

- Architected the redesign of **Clara, AppVentory's in-product AI assistant**, from a rigid fixed pipeline into an **agentic, tool-calling system (ReAct architecture)** using LLM function-calling, RAG (Qdrant), Node.js, and Redis
- Drove architecture decisions for Clara and contributed technical input across other modules, working closely with the team on system design
- Review pull requests and enforce code quality standards across the team; guide and mentor junior engineers, including involvement in technical interviews
- Built and maintained cloud infrastructure using **AWS (EC2, S3, Lambda, API Gateway, Cognito, SNS, SES)** to support application deployment, performance, and scalability

Software Engineer | Feb 2024 – Jan 2026

- Owned end-to-end architecture and delivery of a **multi-tenant SaaS platform** built from the ground up using the **MERN stack**, within a broader system that also included Java-based services
- Took ownership of core system modules and contributed to technical decisions, working closely with the team to align delivery with product goals
- Built RESTful APIs and backend systems, integrating third-party platforms including **QuickBooks, Xero, Mailchimp, SendGrid, Google APIs, and Microsoft Entra ID**
- Introduced **AI-powered features** and contributed to code quality standards, improving development velocity

AutoDAP (A Gateway Group Company) | Ahmedabad, India

Jan 2021 – Jan 2024

Engineer – Software Developer | Aug 2021 – Jan 2024

- Contributed to the design and development of an **e-commerce platform managing 5M+ product records**, optimized using **MySQL**
- Built reusable, responsive React UI components, reducing development time for new features
- Developed and integrated multiple **RESTful APIs** for third-party integrations; automated background processes using **scheduled CRON jobs**
- Collaborated directly with clients to gather requirements and deliver end-to-end features

Project Trainee | Jan 2021 – Jul 2021

- Built full-stack applications using **JavaScript, React, Node.js, and PostgreSQL**
- Deployed applications on **AWS**, including a blog platform, hospital management system, and 360° image viewer

Navpad Infotech | Vadodara, India

Apr 2020 – May 2020

Intern, Android Developer

- Developed an **Android**-based apartment management application for gated communities

Leeway Softech Private Limited | Bhavnagar, Gujarat

May 2019 – Jun 2019

Intern, Android Developer

- Built **Android** applications for educational and community-based use cases
- Developed an admin portal using **PHP** for managing application data

SKILLS

- **AI & Automation:** LLM Integration, AI Agents (ReAct architecture), RAG (Qdrant), Prompt Engineering, OpenAI / Claude / Grok APIs, Workflow Automation
- **Architecture:** Microservices, REST APIs, System Design
- **Frontend:** React.js, Next.js, HTML, CSS, Tailwind CSS, Material UI, Bootstrap, Chakra UI
- **Backend:** Node.js, Express.js
- **Databases:** MySQL, MSSQL, MongoDB
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, API Gateway, Cognito, SNS, SES)
- **APIs:** RESTful APIs, Third-party integrations
- **Authentication:** JWT, OAuth
- **Tools:** Git, Postman, VS Code, DBeaver, Azure DevOps, GitHub Actions
- **Practices:** Scrum, Code Reviews
- **Languages:** JavaScript, PHP, TypeScript

EDUCATION

B.Tech in Information Technology — CSPIT, Charusat University
CGPA: 9.33

Aug 2018 – Jun 2021

Diploma in Information Technology — Sir Bhavsinhji Polytechnic Institute, GTU
CGPA: 9.87

Aug 2015 – Jul 2018

PROJECTS

A Chosen Son

Tools & Technologies: HTML, CSS, Chakra UI, ReactJS, Lambda, S3, API Gateway

- Built a platform offering personalized astrology and numerology consultations, focused on Vedic astrology insights for personal and professional guidance
- Implemented a serverless architecture using **AWS Lambda** for backend logic, **S3** for secure storage of personalized reports, and **API Gateway** for frontend-backend communication, ensuring scalable and efficient data retrieval

Personal Finance Tracker

Tools & Technologies: Next.js, TypeScript, React, Node.js, MongoDB

- Built the spending dashboard using **Next.js and TypeScript**, giving users a categorized breakdown of expenses by category, member, and time period, with data fetched from MongoDB
- Designed the frontend to support per-member attribution for shared/family finances, along with manual transaction entry alongside automated ingestion
- Collaborated with a backend engineer who built the ingestion pipeline and hybrid (rule-based + AI) extraction system powering the dashboard's data

AI Application-Screening Agent

Tools & Technologies: Next.js, TypeScript, Python, MongoDB, Telegram Bot API

- Built a **Next.js and TypeScript** dashboard for viewing screened applications and evaluation results, with data fetched from MongoDB
- Designed the UI to present candidate evaluations and screening outcomes in a clear, reviewable format for the hiring team
- Collaborated with a backend engineer who built the Python-based screening pipeline, including application ingestion via Telegram and evaluation against role criteria