AMAN RAJANI

AI + FULL STACK WEB DEVELOPER

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ABOUT ME

Full Stack Developer specializing in AI (LLMs) and web technologies. Currently in my final year of BTech (CSE) at Indus University, interning at Silver Touch with experience in React, Next.js, GraphQL, and Python. Developed Episcan, an AI app for facial issue detection and product recommendations. Currently building an AI Work Assistant chatbot to automate workflows and boost productivity. Passionate about crafting intelligent, user-centric solutions that drive business success.
Languages: English, Hindi, Gujarati

TECHNICAL SKILLS

NodeJs	ProstgreSQL	Webpack
NextJs	Python	CI/CD Pipelines
ReactJs amd ExpressJs	Fast API	GitLab, Git & GitHub Actions
Graphql	RESTful API Development	Prompt Engineering

PROFESSIONAL EXPERIENCE

Software Developer Intern, Silver Touch Technologies   **Jan 2025- Present**

- Contributed to the development of intelligent enterprise solutions as part of a live project at Silver Touch Technologies, focused on integrating LLMs and AI/ML models into full-stack web platforms. Worked on applications like SAP Co-Pilot, MyBotGiene, and ChatOrange, enhancing their intelligence layer with real-time conversational AI capabilities.
- Implemented backend services using FastAPI, Node.js, and Express.js, designed advanced RESTful APIs with pagination, filtering, and RBAC, and built dynamic frontend components with Next.js and Redux. Actively collaborated in CI/CD pipeline integration, model deployment, and architecture planning, aligning every feature with technical scalability and business goals.

EDUCATION

BTech CSE   **2021 - 2025**
Indus University, Ahemdabad

- Focus: Full Stack Web Development, AI/ML Integration, Software Engineering Principles
- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Web Technologies, Machine Learning, Database Systems
- Final Year Project: Episcan – AI-Based Skin Diagnosis & Product Recommendation System
- Built an intelligent web application using YOLOv8 (Instance Segmentation) and LLMs to detect skin issues like acne, dark circles, and open pores.
- Integrated AI-powered personalized product recommendations with a scalable stack using FastAPI, Next.js, and PostgreSQL.

PROJECTS

- **EPISCAN - AI BASED Website**
  - Built Episcan, an AI-powered web app for facial skin issue detection and product recommendations using YOLOv8, LLMs, FastAPI, and Next.js, featuring real-time analysis, image upload, and user dashboard.
  - episcan.netlify.app
- **Portfolio Website**
  - Developed a personal portfolio website using Next.js, React, and Tailwind CSS to showcase projects, skills, and experience, with responsive design, smooth animations, and a downloadable resume section.
  - amanrajani.netlify.app