

AMAN PATEL

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TECHNICAL SKILLS

Frontend Development: Angular, HTML5, CSS3, JavaScript, TypeScript

Backend Development: Core Java, Springboot, Node.js, Express.js, C++

Database Management: MongoDB, MySQL, Firebase

Cloud & DevOps: AWS, Render, Hostinger

Version Control & Tools: Git, GitHub, Postman, Jira, Slack, Notion

Deployment: AWS, cPanel, Netlify, Vercel, Render, hPanel

PROFESSIONAL EXPERIENCE

ACM(Association for Computing Machinery) - acm.org

Sep 2022 – Apr 2025

Lead Software Developer

- Led full-stack development of sit.acm.org, a platform serving over 500+ students.
- Increased student engagement by 40% through the implementation of dynamic, interactive features.
- Managed & mentored a team of 3 developers, overseeing project timelines & code reviews in an Agile environment.
- Reduced initial page load time by 25% by spearheading key performance optimizations like lazy loading.

Codecademy.in

Mar 2022 – Sep 2022

Associate Software Engineer

- Collaborated as a full-stack developer in a team of 4 to architect & deploy a comprehensive Learning Management System (LMS).
- Implemented optimizations, including lazy loading to minimize initial load time & enhance user experience.
- Developed secure user management system with JWT auth, OTP-based email verification, & integrated Razorpay for course purchase.
- Used Cloudinary for scalable video storage & state management with RxJS observables to track user progress.
- Used key backend middleware including Mongoose, Multer, and Helmet to ensure data persistence, file uploads, & API security.

PROJECTS

MedAssist - AI-Powered Medical Chatbot | [Link](#)

Tech Stack : Angular 19, Node.js, MongoDB, and Google Gemini API for real-time disease diagnosis

- Built an AI-driven chatbot for real-time disease diagnosis, treatment recommendations, and prescription generation
- Implemented JSON Web Token authentication with role-based access control (RBAC) for secure user access.
- Designed a responsive UI with Angular Material and optimized performance using lazy loading and modular architecture.
- Integrated Google Gemini API for accurate, context-aware medical responses.
- Ensured scalability and security with MongoDB and RESTful APIs.

AI Email Reply System (Spring Boot / React)| [Link](#)

Tech Stack : Java, Spring Boot, React, Material UI, REST APIs, Google Gemini AI API, GitHub

- **Web Platform:** Provides a dedicated web interface to input email content, generate AI replies, and copy responses to the clipboard for flexible use.
- **Gmail Integration:** Features a Chrome Extension that injects an "AI Reply" button into Gmail's compose toolbar for quick, in-context response generation.
- Leverages the Google Gemini API to produce contextually relevant and intelligent email replies

SASC Platform (Sinhgad ACM Student Chapter) | [Link](#)

Tech Stack : Angular 16, MySQL, GitHub, cPanel Hosting, Google Login API

- Led a 3-year project developing a Role-Based Access Control (RBAC) web platform (sit.acm.org) for ACM, India's largest tech network.
- Engineered dynamic content management (blogs, events, galleries) and comprehensive user management, including registration approval with automated emails and role assignment.
- Facilitated event registrations with automated email confirmations.
- Optimized performance with lazy loading and enhanced UX via OTP-based verification and theme toggles.
- Significantly boosted student engagement by centralizing resources and opportunities through responsive design.

EDUCATION

BE CS - Sinhgad Institute of Technology

Nov 2021 – June 2025 | CGPA: 7.26

HSC - C.S.S.M.J.C

June 2020 – June 2021 | %: 86.17

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Postman API Fundamentals Student Expert : [Link](#)
- HackerRank Angular Basics - [Link](#)
- HackerRank SQL Basics - [Link](#)
- HackerRank SQL Intermediate - [Link](#)
- HackerRank Java Basics - [Link](#)