Omkumar Patel

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EDUCATION

SRM University KTR   Kattankulathur, Chennai
Bachelor's in Computer Science and Engineering (CGPA: 8.51)   *Sep 2022 – Present*

EXPERIENCE

SDE Intern   Apr 2024 – Jul 2024
Neugence, California/Remote
- Designed a multi-provider Firebase authentication system, reducing login issues by **30%**
- Built a Calendly-like event scheduling platform with team availability management, improving scheduling efficiency by **20%**
- Devised custom markdown tags for streamlined MCQ creation and article catalog integration

SDE Intern   Aug 2024 – Sep 2024
NovaFocus, Bangalore/Remote
- Integrated AI model for content filtering in a browser extension, optimizing performance by **30%** through Vue-to-React migration
- Integrated Razorpay payments and developed synchronized Clock API for cross-browser focus timers

PROJECTS

Manyavar | *NextJs, NodeJs, ExpressJs, MongoDB, TailwindCSS*   link
- Architected an e-commerce platform with SSR and dynamic routing, integrating Paytm payment gateway
- Developed JWT authentication and session management with secure file uploads using Multer
- Optimized responsive component-based UI using TailwindCSS and ChakraUI, optimizing mobile user experience

Secura | *React, Express.js, MongoDB, TypeScript, Blockchain*   link
- Designed blockchain-inspired secure file storage using mnemonic phrase encryption for Google Drive uploads and public key sharing
- Engineered token-based access control with time-limited file sharing capabilities

QuickChat | *Socket.io, ExpressJs, MongoDB, Framer Motion*   link
- Created real-time messaging platform with Socket.io supporting both group and individual chat functionality with 256-bit encryption
- Built an Express.js API with MongoDB backend, implementing JWT-based session management and real-time front-end communication

ACHIEVEMENTS

- **Excellence Award** at **PU Code Hackathon 2025**, Parul University - Ranked top among **170 teams** (**750+** participants).
- **1st Place** out of **300+** participants in the **House of Coders Hackathon**, SRMIST Chennai.
- **Finalist** in **HackSummit** and **Ossome Hack**, competing among **100+** teams.

TECHNICAL SKILLS

Languages: JavaScript, C/C++, Python
Frameworks: React, Next.js, Node.js, Express.js, Flask, Firebase, MongoDB
Developer Tools: Git, Docker, Google Cloud Platform
Libraries: Mongoose, TailwindCSS, Material-UI, Zustand, Axios, shadCN