

SAHIL KUMAR

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Linkedin

Github

LeetCode

GeeksforGeeks

EDUCATION

Delhi Technological University

Dec 2020 – May 2024

B.Tech - Computer Science and Engineering - CGPA - 8.78

New Delhi, India

TECHNICAL SKILLS

Relevant Skills: Frontend Development, REST API Integration, Microservices, Responsive Web Design, Cross-Browser Compatibility, Agile/Scrum, Unit Testing, CI/CD, Cloud Deployment

Technologies/Frameworks: HTML5, CSS3, JavaScript, React, Angular, Next.js, NodeJS, Express, MongoDB, Python, NgRx, Redux, Jasmine, Karma, Jest, Cypress, Tailwind, shadcn/ui

Developer Tools: VS Code, IntelliJ, Jira, Git, GitHub, Bitbucket, Docker, Postman, Swagger, Figma

Relevant Courses: Data Structures, Object Oriented Programming, Database Management System, Operating System, Machine Learning, Deep Learning, Modern Frontend Development with Angular

EXPERIENCE

Standard Chartered Research Technology

Feb 2024 - Present

Software Engineer Frontend (Intern to Full-Time)

Noida, India

- **Revamped** admin and seller portals using **Angular**, enhancing UI responsiveness by 40% and **collaborated** with backend teams to **streamline REST APIs**, cutting latency by 25%.
- **Devised** a real-time QR scan system for sales officers to **authenticate shop geolocations**, supporting 60s refresh cycles and enabling seamless user check-ins.
- **Orchestrated** a scalable **filtering interface** (100+ options) seamlessly **embedded** into backend workflows, boosting product discovery and **search efficiency** across inventory.
- **Implemented** state management with **NgRx**, enabling 1,000+ concurrent users and **reducing maintenance time** by 30% via structured code organization.
- **Executed** unit and integration testing using **Jasmine** and **Karma**, achieving 90%+ test coverage and ensuring high application reliability.
- **Spearheaded** an AI-powered **Chatbot Assistant** within the Seller Portal using **Qdrant vector database** and **LLM APIs**, enabling intelligent FAQs, contextual responses, and **reducing support queries by 35%**.

PROJECTS

Nameless – Anonymous Social Platform | ReactJS, Redux, NodeJS, MongoDB

Mar 2024

- **Architected** a **MERN-based social platform** enabling college students to **post anonymously** with topic tagging, sentiment analysis, and basic **ML moderation** using TensorFlowJS.
- **Produced and documented 15+ REST APIs** (posts, users, settings), **incorporated JWT authentication** with Nodemailer email verification (**92% success**), and validated scalability with **500+ daily API requests via Postman**.

Full Stack Discord Clone | Next.js, Tailwind CSS, Prisma, Socket.io, MySQL

Jan 2024

- **Built a real-time messaging platform** for **200+ test users** with file uploads, message editing, channel-based chat, and a fully **responsive UI** supporting both **light and dark themes**.
- **Orchestrated** a reliable backend using **Prisma ORM**, **PlanetScale MySQL**, and **Clerk authentication**, achieving **99.9% uptime** with WebSocket fallback for uninterrupted communication.

ACADEMIC ACHIEVEMENTS AND AWARDS

- Solved **1200+** Problems on **LeetCode** and **GeeksforGeeks**
- Collaborated with team members at **Amazon Hackon Season 3** to develop **innovative software solutions** addressing key project requirements; contributed over ten distinct ideas for **optimizing user engagement** and system performance.

EXTRACURRICULAR

- **Co-founded** and led The Raydee Café, a bootstrap coffee distribution startup, streamlining production strategies and management resulting in a **25%** increase in overall productivity and a **40%** reduction in production costs.
- Member of **Sahitya** (Literary and Debating society) and DTU-DCE Fraternity Club
- Ranked **15th** in Sakal All India Chess Tournament where **over 1000** highly-rated participants from all over the country