NIKHIL SINGH

+91 7651974719 · nikhilkumarsingh123456@gmail.com · LinkedIn · Github

EDUCATION

Electronics Engineering, B.Tech, IIT BHU	CPI: 8.67	2020 - 2024
CBSE (XII), Nirmala Convent High School	Percentage: 94.20	2019 - 2020
CBSE (X), Nirmala Convent High School	Percentage: 91.00	2017 - 2018

EXPERIENCE

Software Developer, Navi July 2024 - Present

- Designed and shipped a seamless **PDF bank statement upload flow** for the **Home Loan** team, reducing friction in document submission and driving a **20%** boost in **loan disbursals**.
- Spearheaded a strategic overhaul of the core home loan journey, increasing projected user conversion from **39%** to **70%** and scaling new property disbursals from **21%** to **80%**.
- Elevated application stability and uptime from **95%** to **98.4%** by integrating **Sentry-based dashboards** for real-time crash reporting, implementing **clickstream analytics** for user journey analysis, and building **Superset dashboards** to visualize error trends.
- Enhanced **application security** by fixing CVEs, adding security headers, and unifying domains with **Nginx**.
- Built a **co-applicant addition flow** for the **Home Loan** team, leading to **60%** of users adding a co-applicant and increasing the **final sanction** to **disbursal** conversion rate from **0.17%** to **0.41%**.
- Rolled out the **Help Support − Top Issues** feature, cutting **UPI support chat abandonment** by **33%** and reducing issue escalations to **S1 support** from **50%** to **28%**.
- Built a real-time chat system with **messaging**, **typing indicators**, **CSAT**, and **network quality UI**, and enabled live video for **Video Know Your Customer (VKYC)** to boost customer trust by integrating with **external vendor**.
- **Exposure:** React, Next.js, TypeScript, JavaScript, Grafana, Superset, Server-side rendering, Nginx.

SDE Intern, Recruitwizer April 2024 - May 2024

- Built an **AI-based hiring platform** with features like **Job Weight Filter** and **Support Page**.
- Enhanced user experience by implementing **FastAPI asynchronous** data fetching on the backend, reducing **page load times by 15%**.
- **Exposure:** Next.js, MongoDB, Redux, Material UI, shadcn/ui, FastAPI.

SKILLS

Programming Languages: C/C++, JavaScript, TypeScript.

Libraries/Frameworks: Next.js, React, Material UI, Tailwind CSS, Firebase, Nginx, Superset, Grafana.

PROJECTS

Placement Planner Website Jan 2024 - Mar 2024

- Created a MERN website for **interview preparation** with question solving, note-taking, and key topic access.
- Integrated **ML, Web Dev, and Computer Fundamentals** resources with security features using **bcryptJS**.
- **Exposure:** React, Node.js, Tailwind CSS, React-quill, React-Pdf/renderer, bcryptJS. [Github]

TeacherPool Website Dec 2023 - Jan 2024

- Developed the **Teacher Pool project**, a platform for **educators** to apply for **teaching jobs** and **view blogs**.
- Developed robust RESTful API for job openings, facilitating **CRUD operations** and seamless user interaction.
- Utilized **React's Context API**, Axios for async requests, enhancing state management, and data retrieval.
- **Exposure:** React, Node.js, MongoDB, RESTful APIs, Netlify, Render. [Github]

HONOURS AND ACHIEVEMENTS

- **Expert at Codeforces**, with Maximum Rating of **1643**. Codeforces
- **Knight on Leetcode** with Maximum rating of **2101** and solved around **1200** questions. Leetcode
- **4 star at Codechef**, with Maximum Rating of **1868**. Codechef
- **Secured Global Rank 665th** in Google Kickstart Round D **2022**.