Mannan Khan

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EDUCATION

- **Maharaja Agrasen Institute of Technology** — New Delhi
  Bachelor of Technology - Computer Science; GPA: 8.8 — *June 2024*

SKILLS SUMMARY

- **Languages**: Javascript, Typescript, C++, C#, HTML, CSS
- **Frameworks**: React, Express.js, Next.js, Node.js, NestJs
- **Databases**: MySQL, MongoDB, Redis
- **Technologies/Tools**: Git, Jenkins, REST API, Jira

EXPERIENCE

- **Rupyy (CarDekho Group)** — Gurugram
  Software Development Engineer - I (Full-time) — *July 2024 - Present*
  - **Platform Development & Optimization**: Contributed to the development of CarDekho Group's financial services platform using Next.js, TypeScript, JavaScript, and Node.js. Led full-stack development efforts, enhancing backend dashboard and wrapper APIs, which reduced system latency by 25% and improved data processing efficiency.
  - **Scalable Platform Expansion**: Developed and integrated a broad set of user-facing pages and user journeys to expand the platform, improving site navigation and user experience. This enhancement contributed to generating over 6.7 million leads in the last financial year.
  - **End-to-End Chatbot Development**: Spearheaded the full development of RupyyAssist chatbot, building both frontend and backend systems. Created custom APIs, integrated user feedback capture, and implemented performance logging—resulting in a 15% boost in lead generation and a reduction in support queries.
  - **Reliability and Debugging**: Troubleshot and resolved complex application stack issues, enhancing overall service reliability and optimizing platform performance.
  - **Frontend Performance Optimization**: Spearheaded the migration of a legacy React application to Next.js, resulting in a 90% improvement in page load times and significantly enhancing overall performance and user experience.
  - **Internal CMS Development**: Designing and developing a custom in-house CMS using React and NestJS to empower non-technical teams to publish and manage blog content independently, eliminating developer dependency and streamlining the content publishing workflow.

- **OneBanc Technologies** — Gurugram
  Backend Developer — *March 2024 – June 2024*
  - **Core Library Development**: Developed and implemented advanced validation and formatting functions for a core library using C#, ASP.NET, and JavaScript, ensuring improved data integrity and processing efficiency.
  - **XML Generator Enhancement**: Collaborated with the team to enhance the XML Generator functionality, improving its integration capabilities and overall performance.
  - **API Integration**: Successfully integrated partner banks' APIs with OneBanc's APIs using a forward proxy, optimizing data flow and enhancing system functionality.
  - **RESTful API Development**: Built and tested RESTful APIs using ASP.NET for backend processes and JavaScript for client-side logic, ensuring efficient, reliable integration with external systems.

ACHIEVEMENTS AND PROJECTS

- **Rupyy Chatbot Integration**: Independently led the development and integration of a custom chatbot for the Rupyy website. Recognized with a "Job Well Done" award for improving lead generation and reducing support overhead.
- **Competitive Programming**: Achieved Global Ranks: 70, 127, and 449 in Codechef Starters Division 3 (Rated). Solved over 700+ DSA problems across platforms such as LeetCode, CodeChef, and HackerRank.
- **NSFW Filter Extension (Sep 2023 – Oct 2023)**: Built a browser extension using JavaScript, TensorFlow.js, and HTML/CSS to detect and blur NSFW content. Integrated deep learning models for real-time image and video classification.
- **Elevate – Recruitment Platform (Jul 2023 – Oct 2023)**: Developed full-stack web application to simplify campus recruitment. Built using modern frontend and backend technologies; streamlined placement activities and improved student-recruiter interaction.
- **CryptoTrackr (Dec 2022)**: Created a React-based cryptocurrency dashboard using HTML, CSS, JavaScript, and REST APIs to fetch and display real-time crypto data.