#### Nikhil Raj - Resume (Tailored for MasterCard SDE I)

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Final Year B.Tech | NIT Silchar | CGPA: 8.16

Open to: SDE | Full Stack | Backend Developer Roles

### **Professional Summary**

Final-year Computer Science student at NIT Silchar with strong problem-solving skills and a passion for building scalable full-stack applications. Solved over 1200+ DSA problems across LeetCode and CodeChef. Proficient in the MERN stack, with hands-on experience in building production-ready applications and working with RESTful APIs, MongoDB, and Express.js. Seeking to contribute to high-impact projects as a Software Engineer I at MasterCard.

#### **Skills & Technologies**

Languages: C++, JavaScript (ES6+), SQL, MATLAB, R

Frameworks/Libraries: React.js, Node.js, Express.js, Mongoose, Tailwind, EJS

Databases: MongoDB, MySQL

Tools: Git, GitHub, Figma, Postman, Vercel, Render

Concepts: DSA, OOP, OS, DBMS, CN, Compiler Design, System Design

### **Projects**

Track My Growth - Personal Analytics Platform

- Built a full-stack analytics tool that integrates real-time coding data from platforms like LeetCode and CodeChef.
- Designed REST APIs using Express.js, reducing latency by 35%.
- Managed user progress for 100+ users with MongoDB.
- Tech: MongoDB, Node.js, React.js, Chart.js, Express.js

Wanderla - Property Listing Web App

- Developed a property rental site with 100+ listings using EJS, Express.js, and MongoDB.
- Integrated Passport.js for secure auth; implemented CRUD APIs with Express.
- Reduced server response time by 30% via API optimizations.

#### **Achievements**

- Solved 1200+ DSA problems across LeetCode, CodeChef, and Codeforces
- Ranked in Top 12.48% on LeetCode (Max Rating: 1708)
- Top 4 Finalist at Code Clash (1200+ participants)
- Ranked 5th in Enigma 36.0, NIT Silchar

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## **Education**

Bachelor of Technology in Computer Science and Engineering
National Institute of Technology, Silchar | July 2022 - June 2026 | CGPA: 8.16