MRINAL SINGH

Seeking SDE Internship | **Software Engineering & Web Development**
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LinkedIn | GitHub | LeetCode

SUMMARY

Computer Science undergraduate at KIIT (CGPA 9.30/10.00) with strong problem-solving skills in C++ and practical experience building web applications using React.js, JavaScript, and Node.js. Solved 200+ LeetCode problems in C++, possess strong database foundations in SQL (MySQL, Oracle), and have contributed to open-source repositories. Seeking an SDE internship to apply core engineering and web development skills.

EDUCATION

Kalinga Institute of Industrial Technology (KIIT) — Bhubaneswar, Odisha, India
B.Tech. in Computer Science and Engineering; ***CGPA: 9.30 / 10.00*** — *Aug 2024 – May 2028*

- **Relevant Coursework:** Data Structures & Algorithms (C++), Database Management Systems (DBMS), Object-Oriented Programming (OOP), Operating Systems, Computer Networks.

TECHNICAL SKILLS

Programming Languages: C++, C, JavaScript, Python (Basic)
Databases & Querying: SQL, MySQL, Oracle Database, Relational Schema Design, Normalization
Frontend Development: React.js, Tailwind CSS, HTML5, CSS3, Vite, Responsive Design
Backend & Deployment: Node.js, Express.js (Foundations), REST API Integration, Vercel, Render
Developer Tools & Core CS: Git, GitHub, Postman, Linux/Bash, DSA (C++), OOP, DBMS, OS

EXPERIENCE

Open Source Contributor — Remote
GirlScript Summer of Code (GSSoC) & Community Contributions — *May 2025 – Present*

- Audited project dependencies and cleaned configuration files in **RIVETO**, pruning redundant packages and updating environment templates (`.env.example`).
- Improved responsive navigation components, footer layouts, and landing pages in **GrowCraft**, ensuring clean mobile rendering and client-side route navigation.
- Contributed and merged **6+ pull requests** across community repositories (RIVETO, GrowCraft, First Contributions), collaborating via agile code reviews and git workflows.

PROJECTS

ByteCargo | ***Logistics Bidding Marketplace Web App*** — Live Demo | GitHub
React.js, JavaScript, Tailwind CSS, Node.js, Express.js, REST Integration, Vercel — *May 2026*

- Developed a responsive web platform connecting freight merchants with transporters for shipment auctioning and real-time bid submissions.
- Constructed modular user interfaces in React.js and Tailwind CSS for role-specific views (merchant auctions vs. transporter bidding) with dynamic form validation.
- Integrated frontend views with Node.js/Express backend services for handling shipment listings, and deployed the client application on **Vercel**.

LearnMate | ***SSC JE Exam Preparation Platform*** — Live Demo | GitHub
React.js, JavaScript, Tailwind CSS, SQL, REST Integration, Vercel — *Oct 2026*

- Built an interactive test-preparation platform featuring subject-wise question navigation, previous-year question archives, and timed mock test sessions.
- Implemented dynamic test-taking interfaces in React.js with real-time countdown timer controls, question palette tracking, and instant score computation.
- Structured question datasets and query criteria (subject, topic, year, shift) using relational database fundamentals in SQL and deployed on **Vercel**.

ACHIEVEMENTS

Algorithmic Problem Solving (LeetCode): Solved **200+ problems in C++** (s_mrinal), mastering arrays, strings, two-pointers, trees, graphs, and dynamic programming with a 76%+ acceptance rate.

Smart India Hackathon 2026: Selected institutional participant for problem statement SIH26135.

Certifications: Introduction to Generative AI Studio (Google Cloud) | **Responsive Web Design** (freeCodeCamp) | **Interview Readiness** (TCS iON).