

Sachin Mishra

Portfolio: <https://sachin2709.netlify.app/>

Leetcode: pantheism2709

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EDUCATION

- **MNNIT Allahabad** Prayagraj, UP
Master of Computer Applications; CGPA: 8.46 Oct 2021 - May 2024
- **Govt. Holkar Science College** Indore, MP
Bachelor of Science; Percentage: 71.47% Jun 2018 - May 2021

EXPERIENCE

- **BlueYonder** July 2024 – Present
Associate Software Engineer Hyderabad, India
 - **Repository Optimization:** Generalized a MongoDB repository wrapper to support indexing with selective entity configuration, eliminating redundant wrappers and reducing boilerplate code by 90% across the codebase.
 - **Config Automation:** Automated YAML configuration deduplication across 15 environments and 6 services by building a recursive Python script for deep comparison and merging; extracted 1600+ properties into shared configs, reduced duplication by 80%, improved maintainability, and eliminated override conflicts.
 - **Insights APIs:** Created backend APIs to provide distribution center insights on category and sub-category basis, showing in-stock and out-of-stock counts.
- **BlueYonder** Jan 2024 – June 2024
Software Engineering Intern Hyderabad, India
 - **Graph Configuration and Deployment:** Created dynamic graph configurations for dashboards, deployed across 100+ customer environments to help visualize key business insights and improve decision-making. Enhanced reporting efficiency by 30%
 - **UI Automation Testing:** Developed and executed TypeScript-based UI automation tests using WebdriverIO, improving frontend regression coverage by 40% and reducing manual testing efforts by approximately 25%

PROJECTS

- **Miracle-Box (Html, Css, Javascript, React, MongoDB, Node.js, Express.js):**
 - Developed a user-friendly web data collection tool for the **NGO Tiny Miracles Foundation** to collect demographic and sociographic data from awareness session attendees.
 - Integrated visually appealing **charts** and **dashboards** for effective progress monitoring of the collected data.
- **Revolution (React.js, Tailwind CSS, Redux Toolkit, Node.js, Express.js, MongoDB, Stripe, Cloudinary):**
 - Built a scalable full-stack e-commerce platform with decoupled frontend and backend architecture.
 - Implemented secure **JWT-based authentication** and user session management.
 - Admins can manage users and products, including updating user roles.
 - Users can browse, filter, and manage products in a shopping cart, and adjust item quantities.
 - Integrated **Stripe** for secure payment handling and **Cloudinary** for media management.

SKILLS

- **Languages:** C, C++, HTML, CSS, JavaScript, Java
- **Frameworks:** React.js, Express.js, Spring Boot
- **Others:** REST API, JSON, Operating System, Database Management System

ACHIEVEMENTS

- Solved 800+ coding questions across platforms such as GeeksforGeeks and Leetcode.
- Selected as one of the top 144 candidates across India to participate in Morgan Stanley's Code to Give Hackathon 2023.
- Ranked 71 in Codestart 5.0, a coding competition at MNNIT Allahabad.
- Ranked 148 in Codathon, an inter-NIT coding competition organized by NIT Bhopal.
- Secured AIR 211 in NIMCET Examination 2021.
- Secured AIR 34 in BHU MCA Examination 2021.

AREA OF INTEREST

- Data Structures, Problem Solving, Web Development, Object Oriented Programming