

Aryan Saraogi

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EDUCATION

SRM University | Delhi - NCR

Computer Science and Engineering | **B.Tech**

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript, HTML
- **Frameworks & Libraries:** React.js, Angular, Tailwind CSS, Bootstrap, Express.js, Flask
- **Testing:** Selenium, Cucumber, TestNG, BrowserStack
- **Databases:** SQL, MongoDB
- **DevOps & Tools:** Docker, Jenkins, Git, GitHub, Postman, Github Actions
- **Concepts:** Data Structures & Algorithms, System Design, Object-Oriented Programming (OOP), Operating Systems, Computer Networks, REST API Design, CI/CD, Debugging, Performance Optimization, Agile Methodologies
- **Problem Solving:** Solved 350+ DSA problems on LeetCode

EXPERIENCE

Cognizant Technology Solutions | Programmer Analyst Trainee

11/2025 – Present

- Developed product detail pages (PDP) for a customer-facing e-commerce application, implementing responsive UI components, product data rendering, and variant selection logic against backend APIs.
- Built reusable front-end components and shared logic across PDP and adjacent pages, reducing duplicated code and standardizing behavior for future feature work.
- Built a modular test automation framework in Java using Selenium WebDriver, TestNG, and Maven with Page Object Model design, and integrated automated regression and smoke suites into CI/CD pipelines
- Debugged and resolved 20+ critical defects by tracing failures through application code and logs to root cause, shipping fixes with regression coverage to prevent recurrence.
- Developed 100+ automated end-to-end test cases across core modules, identifying 30+ defects and coordinating triage and resolution with developers using Jira and Git.

Center for Railway Information Systems | Full-stack developer Intern

07/2024 – 09/2024

- Collaborated effectively with a cross-functional team of 5+ developers in an Agile environment, ensuring secure API and end-to-end full-stack delivery.
- Spearheaded the development and maintenance of the IRITM admin portal utilising a robust tech stack, including Angular, TypeScript, Bootstrap, and Spring Boot.
- Enhanced admin operational workflows by 30% through the implementation of efficient role-based navigation systems and a modular, maintainable design architecture.
- Engineered and deployed over 20 scalable REST API endpoints capable of reliably supporting 500+ daily users, ensuring high system reliability.
- Proactively identified and resolved critical performance bottlenecks, resulting in reduced API delays and significantly improved overall system responsiveness.

QSS Technosoft | Software Engineer Intern

07/2023 – 08/2023

- Applied industry-specific knowledge to real-world tasks, strengthening analytic and reasoning skills while ensuring alignment with organisational standards and technical requirements across diverse project modules.
- Contributed effectively to a 3-developer team, delivering high-quality features and participating in collaborative code reviews to maintain code integrity and foster a culture of continuous technical improvement.
- Gained hands-on expertise in React and developed 4+ responsive, cross-browser-compatible UI components, resulting in a more cohesive user experience and streamlined frontend deployment workflows.
- Supported team members in daily operations, enhancing efficiency and reducing workload by 15% through proactive problem-solving and the optimisation of internal development tools and documentation.

KEY PROJECTS

PredictCare | Next.js, Flask, Machine Learning | [Project link](#)

- Enabled users to assess disease likelihood through machine learning, achieving 95%+ model prediction accuracy
- Applied diverse machine learning algorithms (logistic regression, random forest, XGBoost) to build a disease classifier
- Integrated 3 high-performing ML models, chosen from 15+ evaluated, delivering the best disease prediction accuracy
- Developed the Suggestion Page, introducing the first feedback system and capturing 50+ user suggestions.

IdeaTrack: React, SpringBoot, Tailwind

- Built a full-stack innovation management system enabling idea submission, collaboration, and multi-stage approval workflows
- Developed relational database schema with 8+ entities (Users, Ideas, Reviews, Proposals,) supporting scalable data handling
- Designed review and approval pipeline with feedback capture, voting system, and proposal conversion for approved ideas
- Built an analytics module to track idea trends, approval rates, and participation metrics

CERTIFICATIONS

- Anthropic - Claude Certified Architect Foundations
- Oracle Cloud Infrastructure Certified Generative AI Professional
- Oracle AI Vector Search Certified Professional
- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: GitHub Actions