

Rajathkumar R K

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SKILLS

- **Languages:** C/C++, JavaScript, TypeScript, Python
- **Frameworks & Libraries:** ReactJS, NodeJS, Express, HTML and CSS, Bootstrap, TailwindCSS, React Native
- **Tools & Platforms:** MySQL, Git, GitHub, Figma, Render, Vercel, Firebase, AWS S3 Bucket
- **Core CS Fundamentals:** DBMS, OS, CN, SQL, OOPs
- **Soft Skills:** Time Management, Leadership, Problem-Solving, Adaptability, Quick Learner

INTERNSHIP

Intern (L3 Level) – SMG Electric Scooters Ltd

Dec 2025 – Jan 2026

- Built the Employee Cloud Portal by developing employee data, access management, and internal workflow modules.
- Collaborated with technical and HR teams to integrate portal features with existing company systems.

Front-End Web Development Intern – Edunet Foundation (AICTE) | Certificate

Aug 2025 – Sept 2025

- Developed multiple front-end components and mini-projects using HTML, CSS, JavaScript, and React, applying weekly technical concepts taught through IBM SkillsBuild.
- Collaborated with mentors during technical sessions, Q&A rounds, and project reviews to refine UI, optimize code, and follow industry-standard frontend practices.
- Completed a capstone project by building a functional web application, clean UI, and proper project documentation.

PROJECTS

Parivartan – Civic Issue Management System | GitHub

Oct 2025 - Nov 2025

- Developed a multi-role civic issue reporting system enabling citizens to submit complaints with photos, GPS location, and detailed descriptions through a mobile application.
- Built a department dashboard for issue verification, staff assignment, progress tracking, and real-time updates, along with a field-staff app supporting navigation, on-site reporting, and proof-based completion logs.
- Implemented a complete end-to-end workflow—from reporting to verification to final resolution—using Firebase Firestore for storage, along with secure authentication, push notifications, and map-based visualization.

Tech stack: ReactJS, React Native, NodeJS, Express, FB Firestore, FB Authentication, Tailwind CSS, Google Maps API

Plan Pilot-Smart time table generator | GitHub

Mar 2025 - Apr 2025

- Built an AI-powered academic timetable generator enabling students to create, manage, and optimize schedules with features like real-time updates, CRUD operations, deadline tracking, and multi-version history.
- Integrated OAuth, Calendar API, Gemini AI, PDF export, and secure authentication with email verification, hashing.
- Engineered backend workflows using PHP & MySQL, including REST-style endpoints, secure session handling, email verification, password reset tokens, and optimized database design with relational + JSON storage.

Tech stack: HTML, CSS, JavaScript, PHP, MySQL, AJAX, Google Calendar API, PHPMailer

TRAINING

Data Structures and Algorithms - Cipher Schools | Certificate

June 2025 - July 2025

- Learned core Java foundations including OOP concepts, control flow, data types, operators, constructors, exception handling, and object class fundamentals.
- Practiced major DSA topics such as arrays, recursion, linked lists, stacks, queues, trees, hashing, heaps, graphs, BFS/DFS, searching & sorting algorithms, and time–space complexity analysis.
- Applied DSA concepts in Java through hands-on coding tasks and mini-projects, improving problem-solving skills.

CERTIFICATES

Cloud Computing - NPTEL IIT Kharagpur | Link

Oct 2025

Front End Web Development – IBM SkillsBuild | Link

Oct 2025

Web Development Fundamentals – IBM SkillsBuild | Link

Sept 2025

ACHIEVEMENTS

Won the Zinnovatio 3.0 Hackathon at Chandigarh University, which led to securing an internship opportunity.

Nov 2025

Reached Top 10 as a Finalist in Cipherthon 2.0 Hackathon, Chandigarh, organized by Cipher Schools

Feb 2024

Ranked in the Top 20 as a Finalist at the Byte Bash Hackathon, Lovely Professional University.

Oct 2023

EDUCATION

Lovely Professional University

Phagwara, Punjab

Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.8**

August 2023 - present

Jawahar Navodaya Vidyalaya

Vijayapura, Karnataka

Intermediate (PCMB); **Percentage: 74**

May 2021 – July 2022

Jawahar Navodaya Vidyalaya

Vijayapura, Karnataka

Matriculation; **Percentage: 83**

May 2019 – July 2020