


RAHUL KUMAR

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Education

Rajiv Gandhi College Of Engineering And Technology

2021 – 2025

Bachelor of Technology in Computer Science Engineering

CGPA: 7.76

Experience

Ricoz

June 2024 – August 2024

Project Manager Intern

- Assisted in project coordination, task tracking, and workflow management.
- Collaborated with team members to support project execution and ensure timely delivery.

Internshala

January 2025 – May 2025

Campus Ambassador

- Promoted Internshala's training programs and internships among peers.
- Enhanced communication and leadership skills by engaging students in various campaigns.

Projects

Smart Attendance Verification System | *Java, Spring Boot, MySQL, ReactJS, BS, AWS* **January 2024–May 2025**

- Designed and deployed REST APIs using Spring Boot and MySQL for attendance management.
- Implemented real-time image capture and processing with Python for facial recognition, also deployed backend on AWS EC2 with Docker, enabling secure and scalable access.
- Automated attendance report generation and email notifications using Node.js.

Smart Integrated Travel Assistance | *Spring Boot, Firebase, Google Maps API, Docker* **August 2023 – December 2023**

- Built a microservices-based platform integrating autos, taxis, and buses with real-time GPS.
- Developed REST APIs in Spring Boot for ride-sharing, payments, and trip management.
- Containerized services with Docker and deployed on cloud for scalability.

Realtime Chat App | *ReactJS, Node.js, Socket.io, Firebase*
a real-time chat application with secure authentication via Firebase.

November 2022

- Developed Express.js backend APIs for user management and messaging.
- Used Git/GitHub for version control and implemented a CI/CD pipeline with GitHub Actions.

Technical Skills

Programming Languages: Java (Proficient), Python, JavaScript, C++, SQL, Go

Developer Tools: Git, GitHub, VS Code, Postman, Docker, Kubernetes, Jupyter Notebook, Linux/Unix

Frameworks & Technologies: Spring Boot, ReactJS, Flask, Express.js, Bootstrap

Databases: MySQL, MongoDB, SQLite, Firebase

Cloud/DevOps: AWS (EC2, S3), CI/CD Pipelines (GitHub Actions), Docker, Kubernetes

Testing: JUnit, Mockito

Areas of Interest: Software Development (SDE), Backend Development, DevOps, Data Science, Artificial Intelligence

Soft Skills

Problem Solving, Self-learning, Adaptability, Attention to Detail, Teamwork & Collaborations, Communication & Presentation Skills, Learning Agility, Continuous Improvement

Certification Courses, Workshops, and Internships

- **Advanced Diploma in Computer Application**
Lord Buddha Educational Trust, Apr 2019 - Mar 2020
- **Diploma in Computer Application**
Lord Buddha Educational Trust, Oct 2019 - Mar 2020
- **Deep Learning And Deployment On Web**
DevTown Bootcamp, Feb 2022
- **Testing Of Electronic Devices In Hardware Workshop**
Raja Electronic Institute, Cuddalore, Mar 2024

Achievements

- **Published Research Paper on Smart Attendance Verification System**

Co-authored and published a research paper titled “*Smart Attendance Verification System: Smart Attendance, Smarter Learning*” in the **International Journal for Research in Applied Science and Engineering Technology (IJRASET)**, Volume 13, Issue V, May 2025.

ISSN: 2321-9653 — Impact Factor: 7.538 — Available at: www.ijraset.com

- **Led Final Year Project Team**

Successfully led a team of 4 members for the college final year project. Assigned duties, acted as the primary point of contact between the project guide and the team, and ensured timely completion of the project with successful outcomes.

- **Solved Geeks for Geeks POTD for 100 Days Continuously**

Demonstrated consistency and problem-solving skills by solving the GeeksforGeeks Problem of the Day for 100 consecutive days.

Languages Known

● English ● Hindi ● Maithili ● Tamil

Clubs

● National Service Scheme (NSS) ● Business Technology Club ● Professional Development Club ● Yoga Club