

RAHUL KUMAR

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Education

Rajiv Gandhi College Of Engineering And Technology, Puducherry <i>Bachelor of Technology in Computer Science and Engineering</i>	2021 – 2025 <i>CGPA: 7.76</i>
Woodbine Modern School, Darbhanga (CBSE) <i>Higher Secondary (12th) — Science Stream</i>	2018 – 2020 <i>Percentage: 81%</i>
Holy Mission School, Darbhanga (CBSE) <i>Secondary (10th)</i>	2017 – 2018 <i>Percentage: 86%</i>

Experience

Ricoz <i>Project Manager Intern</i> <ul style="list-style-type: none">Assisted in project coordination, task tracking, and workflow management.Collaborated with team members to support project execution and ensure timely delivery.	June 2024 – August 2024
Internshala <i>Campus Ambassador</i> <ul style="list-style-type: none">Promoted Internshala's training programs and internships among peers.Enhanced communication and leadership skills by engaging students in various campaigns.	January 2025 – May 2025

Projects

Smart Attendance Verification System <i>Java, Spring Boot, MySQL, AWS, Docker, Power BI</i> <ul style="list-style-type: none">Developed RESTful APIs using Spring Boot and MySQL for attendance and user data management.Integrated Power BI dashboards for visualizing attendance insights and analytics reports.Implemented facial recognition using Python and automated attendance logs with Node.js, along with deployed backend services on AWS EC2 with Docker for secure, scalable cloud access.	Jan 2024–May 2025
Smart Integrated Travel Assistance <i>Spring Boot, Firebase, Google Maps API, Docker</i> <ul style="list-style-type: none">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.	August 2023 – December 2023
Realtime Chat App <i>ReactJS, Node.js, Socket.io, Firebase</i> a real-time chat application with secure authentication via Firebase. <ul style="list-style-type: none">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.	November 2022

Technical Skills

Programming Languages: Java (Core & Advanced), Python, JavaScript, C++, SQL, DAX
Frameworks & Technologies: Spring Boot, ReactJS, HTML5, CSS3, Bootstrap, RESTful APIs, Power BI, Power Query, Power Pivot, Excel Data Modeling, Data Visualization
Databases: MySQL, PostgreSQL, MongoDB, Firebase
Developer Tools: Git, GitHub, VS Code, Postman, Docker, Jupyter Notebook, Linux/Unix
Cloud & DevOps: AWS (EC2, S3), Docker, Kubernetes, CI/CD Pipelines (GitHub Actions)
Testing: JUnit, Mockito, Power BI Report Testing
Areas of Interest: Java Full Stack Development, Data Analytics, Business Intelligence, Backend Engineering, Cloud Computing

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