

RAHUL KRISHNAN A

 a.rahulkrishnan14@gmail.com  +919629950287  rahulkrishnan2003  a-rahul-krishnan  Portfolio

EXPERIENCE

RocketLane | SDE Intern (Backend)

Jan 2025 – Jun 2025 | Chennai, India

- Developed and improved backend services using Java (Spring Boot) for both internal tools and public-facing APIs.
- Built Retool-based interfaces and backend logic for features like the HubSpot field mapping validator and Salesforce diagnostic report. This streamlined workflows for Support and Customer Success teams, improving efficiency.
- Contributed to the development of CRUD-based public API modules for groups, permissions, and roles, leveraging internal legacy frameworks and validating implementations through Gherkin-based integration tests. This directly supporting Rocketlane's MCP platform and public API documentation.

EDUCATION

B.E. Computer Science and Engineering

2021 – 2025 | Pollachi, India

Dr. Mahalingam College of Engineering and Technology

CGPA: **8.61**

Grade 12 (CBSE)

2021 | Coimbatore, India

Kathir Vidyaa Mandhir

PERCENTAGE: **82**

Grade 10 (CBSE)

2019 | Udumalpet, India

Srinivasa Public School

PERCENTAGE: **90.2**

PROJECTS

Website for Payroll Management System | PHP, jQuery & MySQL

2022

- Worked in a team of four to create a streamlined Payroll Management System website using PHP, jQuery & MySQL.
- Implemented efficient CRUD functionalities, optimizing data management and system accessibility.

IoT based Water Quality Monitoring System | C, Blynk

2023

- Developed a Water Quality Monitoring System using Embedded C and Blynk, specifically measuring Total Dissolved Solids (TDS) for comprehensive analysis.
- Collaborated with a team of three to develop a responsive solution, reducing response time to water quality fluctuations.

Climate-Resilient Crop Yield Prediction System | Python

2024

- Developed a Climate-Resilient Crop Yield Prediction System with a team of three.
- Leveraging Python, the project incorporates advanced Machine-Learning algorithms to analyze climate data and predict crop yields.
- Anticipating a significant advancement in agriculture by providing accurate and timely crop yield predictions.

Advanced Sentiment Analysis of Movie Reviews | Python

2025

- Built a sentiment classification system using RoBERTa with a team of three, achieving **92.72%** accuracy on the IMDb 50K movie reviews dataset.
- Enhanced model performance through synonym-based Data Augmentation, effectively doubling the dataset to improve generalization.

TECHNICAL SKILLS

Languages: C, Java, Python | **Back-End:** Java (Spring Boot) | **Database:** MySQL, PostgreSQL | **Tools:** Github, Postman

CERTIFICATIONS

NPTEL | Introduction to Programming with C:

Feb 2022 – Apr 2022




Earned **Elite + Silver** Certification with a score of **77%**.

NPTEL | The Joy of Computing Using Python:

Jul 2023 – Oct 2023

Earned **Elite + Silver** Certification with a score of **87%**.

AWARDS

- **Poster Competition:** 
2nd prize at KCT Business School, Coimbatore. (2022)
- **Blind Coding:** 
2nd prize at Shree Sakthi Engineering College, Coimbatore. (2023)
- **Code-Clue-Crew:** 
3rd prize in Intra College Technical Event. (2023)