

RAHUL KRISHNAN A

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EDUCATION

B.E. Computer Science and Engineering

2021 – 2025 | Pollachi, India

Dr. Mahalingam College of Engineering and Technology

CURRENT CGPA: **8.62**

SKILLS

Front-End: (HTML, CSS, JS) | **Coding Languages:** (C, Java, Python) | **Database:** (MySQL) | **Tools:** (Github)

EXPERIENCE

IBM SkillsBuild - Edunet Foundation | Front-End Intern

Jan 2023 – Feb 2023

- Completed a two-week virtual internship in Front-End Development at IBM SkillsBuild - Edunet Foundation.
- Learned CSS and JavaScript by applying these skills to create engaging and responsive user interfaces, thus building a strong foundation in front-end technologies.

Open Weaver | Web Development Intern

Jun 2023 – Jul 2023

- Engaged in a four-week virtual internship at Open Weaver, focusing on HTML, CSS and JS programming, along with diverse web development tasks.
- Concluded the internship by presenting a **Weather Forecast** project, showcasing skills and earning an Internship Completion Certificate.

PROJECTS

Website for Payroll Management System | PHP, jQuery & MySQL

2022

- Collaborated with a team to create a streamlined Payroll Management System website using PHP, jQuery & MySQL.
- Implemented efficient CRUD functionalities, optimizing data management and system accessibility.
- Successfully reduced payroll processing time by **30%**, enhancing overall operational efficiency and productivity.

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.
- Implemented prior measures, resulting in a **15%** decrease in water quality incidents, highlighting the project's significant impact on effective water quality management.

Climate-Resilient Crop Yield Prediction System | Python

Present

- Currently engaged in the initial stage of development of 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.

CERTIFICATIONS

NPTEL | Introduction to Programming with C:

Feb 2022 – Apr 2022

Completed an 8-week C Programming NPTEL course and earned **Elite + Silver** Certification with a score of **77%**.

NPTEL | The Joy of Computing Using Python:

Jul 2023 – Oct 2023

Finished a 12-week Python Programming NPTEL course and earned **Elite + Silver** Certification with a score of **87%**.

AWARDS

- Won **2nd** prize in **Poster Competition** at KCT Business School, Coimbatore.
- Secured **2nd** prize in **Blind Coding** at Shree Sakthi Engineering College, Coimbatore.
- Achieved **3rd** prize in **Code-Clue-Crew** at Intra College Technical Event.