# RANGANATHAN R

+91 93450 70353 | [ranga.ragu02@gmail.com](mailto:ranga.ragu02@gmail.com) | [GitHub](https://github.com/ranganathan04) | [LinkedIn](https://www.linkedin.com/in/ranganathan04/) | [LeetCode](https://leetcode.com/u/Ranganathan_Ragupathy/)

**PROFESSIONAL SUMMARY**

Motivated and detail-oriented tech enthusiast with hands-on experience in full-stack development using the MERN stack. Skilled in Python, React.js, MongoDB, and data analysis. Eager to contribute as a Data Analyst, Full Stack Developer, or Python Developer. Strong foundational knowledge in web development, API integration, and data-driven solutions.

**SKILLS**

* Languages & Libraries: Python, Java (Core), C++, HTML5, CSS3, JavaScript
* Frameworks & Tools: React.js, Node.js, Express.js, Bootstrap, Git, GitHub.
* Databases: MongoDB, MySQL
* Others: Machine Learning, API Integration, Data Structures and Algorithms, Unit Testing
* Soft Skills: Teamwork, Problem Solving, Quick Learner.

**PROJECTS**

* DevPulse+Unemployment | PG Final Year Project | Dec 2024 – Apr 2025 [Live Link](https://devpulse-unemployment-prediction.netlify.app/)  
  • Built an AI-powered MERN web app that tracks developer skills and predicts unemployment trends.  
  • Integrated XGBoost model for prediction and used React.js for dynamic dashboards.  
  • Tech: React.js, Node.js, Express.js, MongoDB, AI/ML.
* Dynamic Furniture Website | UG Final Year Project | Jan 2022 – Apr 2022 [Source Code](https://github.com/ranganathan04/Final-Year-Project---B.Sc.-CS.git)   
  • Created a real-time dynamic website for a furniture agency to manage listings and promotions.  
  • Developed using PHP and MySQL for backend, Bootstrap for UI.  
  • Tech: PHP, MySQL, Bootstrap
* Online Spam Detection System | Hackathon Project | Oct 2024 [Source Code](https://github.com/ranganathan04/Smart-India-Hackathon.git)   
  • Built a spam classifier using Flask and Logistic Regression with React.js frontend.  
  • Tech: Python, Flask, Logistic Regression, React.js.
* EchoHub | Mini Project | Nov 2025 [Live Link](https://echo-hub.netlify.app/)  
  • Developed a responsive portfolio site using HTML, CSS (Bootstrap), and JavaScript.  
  • Tech: HTML, CSS, JS.

**CERTIFICATIONS & INTERNSHIPS**

* Full Stack Development – Microsoft (Coursera) – Aug 2025
* Presented research paper: “DevPulse+Unemployment Prediction using AI & ML” at First International Conference,

Sri Ramakrishna College – Mar 2025

* AI/Data Quality Analysis – Don Bosco Tech (Accenture & Skill India)
* Data Analytics & Forensic Tech – Deloitte Job Simulation (Forage)
* 30-Day Masterclass – MERN Stack & AI – NoviTech (Oct 2024 – Jan 2025)
* Certified in C++, HTML, XML, Photoshop, Unit Testing – KGISL

**EDUCATION**

* Master of Computer Science (M.Sc. CS) | KG College of Arts and Science | 2023 – 2025 | Percentage: 79.86%
* Bachelor of Computer Science (B.Sc. CS) | KG College of Arts and Science | 2019 – 2022 | Percentage: 75.68%
* Higher Secondary Certificate (HSC) | Government Higher Secondary School | 2018 – 2019 | Percentage: 61.5%
* Secondary School Leaving Certificate (SSLC) | Government Higher Secondary School | 2016 – 2017 | Percentage: 82.7%