

# RANGANATHAN R

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## 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
  - 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
  - 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
  - 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
  - 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%