

Rahna C M

 +91 7034316981  rahnacm97@gmail.com  linkedin.com/in/rahna-c-m  github.com/rahnacm97
 leetcode.com/u/rahnacm97

OBJECTIVE

Motivated and detail-oriented tech professional eager to begin a career in software development. Committed to learning new technologies, collaborating with teams, and providing high-quality solutions through a strong work ethic and a problem-solving mindset.

Experience

Vimal Jyothi Engineering College Assistant Professor, Department of Computer Science	Aug 2022 – May 2024 Kannur, Kerala
<ul style="list-style-type: none">Guided students in software development projects, emphasizing coding best practices and debuggingDesigned and delivered coursework on programming languages and software engineering principles, improving student project quality and performance.Collaborated with faculty to modernize curriculum with hands-on learning modules focused on web and application development.	
KMCT College of Engineering for Women Assistant Professor, Department of Computer Science	Apr 2021 – Aug 2022 Kozhikode, Kerala
<ul style="list-style-type: none">Developed and implemented practical lab sessions on data structures, databases, and software testing concepts.Provided technical mentorship to students in developing innovative projects using HTML, CSS and JavaScript.Collaborated with peers to review and enhance course materials to align with current industry standards and technologies.	

Education

Brototype MERN Stack Course	Oct 2024 – Ongoing Offline
<ul style="list-style-type: none">Hands-on training in building full-stack web applications using MongoDB, Express.js, React, and Node.js.Developed real-world projects emphasizing clean code, scalable architecture, and modern development practices.	
Government Rajiv Gandhi Institute of Technology (RIT) Master of Technology in Computer Science and Engineering (GPA: 8.79 / 10)	Jan 2020 Kottayam, Kerala
<ul style="list-style-type: none">University: APJ Abdul Kalam Technological University	
KMCT College of Engineering Bachelor of Technology in Computer Science and Engineering (GPA: 8.01 / 10)	Jan 2018 Kozhikode, Kerala
<ul style="list-style-type: none">University: University of Calicut	

Projects

Talentra – AI-Powered Job Portal (Ongoing) MERN Stack, Tailwind CSS, ESLint
<ul style="list-style-type: none">Developing a full-stack job portal with dedicated modules for Admin, Employer, and Candidate, implementing all core job portal functionalities.Integrating AI-driven job matching and recommendations to enhance user experience and placement accuracy.Applying Repository Architecture and SOLID principles for clean, scalable, and maintainable code.

- Designing a modern, responsive UI using Tailwind CSS and maintaining code quality through ESLint and structured version control.
-  Talentra

TickScape – E-Commerce Watch Store | MongoDB, Express.js, Node.js, EJS, AWS

- Built and deployed a responsive full-stack e-commerce application with product catalog, cart, wishlist, and order management modules.
- Integrated **Razorpay** for secure online payments and hosted the platform on **AWS** for scalability and reliability.
- Implemented RESTful APIs and optimized server-side logic, improving performance and user satisfaction.
-  TickScape

Deep Learning Framework for Named Entity Recognition (M.Tech Project) | Python, BiLSTM-CRF, TensorFlow

- Developed a deep learning framework to identify biomedical entities from PubMed Central research papers.
- Implemented a **Bidirectional LSTM with Conditional Random Field (BiLSTM-CRF)** model, improving entity recognition accuracy significantly.
- Conducted the research as part of an internship at **NIT Calicut**, focusing on NLP and biomedical text mining.

TRANSLE – Android Translation App (B.Tech Project) | Java, Android Studio, Tesseract OCR, Google Translation API

- Developed an Android application capable of scanning text using **Tesseract OCR** and translating it into multiple languages via **Google Translation API**.
- Designed a clean and interactive UI, ensuring seamless text recognition and translation for users in real time.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frontend: React.js, Redux, Next.js, Tailwind CSS, Bootstrap, Material-UI(basic)

Backend: Node.js, Express.js, RESTful APIs

Databases: MongoDB, PostgreSQL, MySQL

DevOps / Tools: GitHub, AWS (EC2, S3)

Testing / Quality: Postman, ESLint, Prettier

Concepts: MVC Architecture, Repository Pattern, SOLID Principles Responsive Design, JWT