

Rahna C M

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 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

- Guided students in software development projects, emphasizing coding best practices and debugging
- Designed 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

- 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

- 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

- **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

- **University:** University of Calicut


Projects

Talentra – AI-Powered Job Portal (Ongoing) | MERN Stack, Tailwind CSS, ESLint

- 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.

TRANSLER – 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