

# VIJAYA NEEHARIKA RANGISETTY

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## TECHNICAL SKILLS

**Frontend Technologies:** ReactJS, Angular, Vue, Bootstrap, HTML, CSS, Tailwind CSS

**Programming Languages and frameworks:** Python, Java, JavaScript, C++, Spring Boot, NodeJS, ExpressJS

**Cloud and Databases:** Amazon Web Services (AWS), PostgreSQL, MongoDB, MySQL

**Tools:** Figma, Pega, WordPress, Firebase

**Skills:** REST APIs, Data Structures, Algorithms, OOP, UI/UX, Agile Methodology

## EXPERIENCE

### Pilomation

June 2024 - October 2024

Software Developer | Python, MySQL, AWS, Fast API, React, Tailwind CSS

Fairfax, Virginia

**Description:** Producer's Buddy is a production workflow automation platform with real-time collaboration, built using FastAPI and MySQL, featuring a responsive React UI to optimize task management and production efficiency.

- Collaborated with cross-functional teams to design and develop scalable, fault-tolerant backend services using FastAPI and MySQL, improving task completion efficiency by 25%.
- Built distributed systems with Python, ensuring seamless integration with AWS to handle predictions at scale, enhancing performance by 30%.
- • Designed and implemented responsive UI components using React and Tailwind CSS, improving user engagement by 20%.
- Automated production workflows and task assignments across distributed systems, ensuring low-cost and highly scalable solutions.

### Teleparadigm Network Ltd

December 2021 – May 2022

Web Developer, Intern | MongoDB, NodeJS, ExpressJS, React, Tailwind CSS

Hyderabad, Telangana

**Description:** A dynamic college website built with React and Node.js, enhancing student engagement through real-time event updates and a talent showcase, with MongoDB for data management.

- Designed and developed a comprehensive college website using React for a dynamic and responsive user interface, ensuring that essential information and events are easily accessible to students, resulting in a 30% increase in user engagement.
- • Utilized Node.js for backend development, ensuring efficient data handling and server-side logic to support the website's functionalities, improving server response time by 20%.
- Integrated MongoDB as the database solution, allowing for scalable data storage and retrieval of student submissions, feedback, and event details.
- Automated production workflows and task assignments across distributed systems, ensuring low-cost and highly scalable solutions.

## EDUCATION

### George Mason University

May 2024

Masters in Computer Science, GPA: 3.67

Fairfax, Virginia

### Neil Gogte Institute of Technology

June 2022

Bachelors in Engineering, GPA: 3.53

Hyderabad, Telangana

## PROJECTS

### Task Management Platform | Java, SQL, SpringBoot, Hibernate

- Architected a robust task management platform, delivering seamless user authentication and an intuitive interface for task browsing, creation, and tracking using Spring Boot.
- Integrated advanced reminder features and an administrative dashboard, significantly improving end-user task management efficiency.
- Optimized performance and scalability, supporting thousands of concurrent users with minimal latency.

### Blog App | React, MongoDB, NodeJS, Express, Tailwind CSS, Firebase

- Enhanced pages, such as the admin dashboard, enable admins to manage posts, comments, and users with full CRUD operations using MongoDB and Redux with advanced search techniques.
- Designed a fully responsive website with a sleek dark mode to enhance user experience, cater to different preferences, and allow users to search by title and sort through a modern sidebar, utilizing cutting-edge search query techniques with MongoDB.
- Implemented Firebase authentication to secure user logins and ensure role-based access control, enhancing the platform's security and user management.

### Hospital Management System | React, MongoDB, NodeJS

- Developed a comprehensive platform for managing patient records, appointments, and billing with real-time updates.
- Built a responsive admin dashboard with full CRUD operations for patient and staff data using MongoDB.
- Designed an intuitive React interface, enhancing user experience and optimizing workflows across departments.

## CERTIFICATIONS

Google UX Design, Coursera

AWS Certified Cloud Practitioner, Amazon Web Services

Full Stack Development, Coursera