

# PRATYUSHA RAVILLA

## FRONTEND DEVELOPER

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## PROFESSIONAL SUMMARY

As a seasoned Frontend Developer with 2.4 years of hands-on experience, I bring a proven track record of designing and implementing scalable web applications that align with Red Technologies' mission of enriching lives.

My journey in Computer Science has equipped me with a robust foundation in web development, and I'm eager to channel my expertise into driving impactful projects forward.

Specializing in front-end development, I've led successful initiatives throughout the entire development lifecycle, from conceptualization to deployment. My proficiency spans across crafting intuitive user interfaces, optimizing performance, and ensuring seamless user experiences.

I am deeply motivated to join Red Technologies, where I aim to further hone my skills, collaborate on innovative ventures, and contribute meaningfully to the company's growth trajectory. With a blend of theoretical knowledge and practical experience, I am poised to make valuable contributions that drive both personal and organizational success.

## WORK EXPERIENCE

### ➤ PROGRAMMER

12/2021 – 06/2023

TCS - Hyderabad, Telangana

- Created and modified existing database structures to improve system performance.
- Monitored systems performance to diagnose issues related to application design or coding errors.
- Coded, tested and debugged programs in accordance with established standards.
- Researched new technologies, tools and techniques to enhance system capabilities.
- Deployed applications into production environment ensuring successful integration with external systems.
- Designed software configuration to meet multiple website system hosting requirements.
- Built responsive web pages that are optimized for different devices.
- Designed front-end and back-end solutions for test-driven development.
- Created and modified existing database structures to improve system performance.

## INTERNSHIPS

### ➤ FULL-STACK DEVELOPER

07/2023 – 04/2024

SURE TRUST, Andhra Pradesh

- Developed and maintained front-end web applications using HTML, CSS, JavaScript, JQuery and ReactJS.
- Created back-end services for data manipulation and business logic using Node.js and Express.

- Designed database schemas to store application data using MongoDB.
- Created unit tests for full stack web application components.
- Deployed web applications to production environments using various cloud services such as AWS and Azure.
- Troubleshooted complex issues related to front-end, back-end, databases, servers.
- Created custom responsive designs that optimized the website layout for various devices.
- Created successful websites that met requirements for objectives such as load speed and design.
- Developed RESTful web services using Node.js and Express framework.
- Designed MongoDB database schemas to store application data.
- Integrated third-party APIs with the MEAN stack applications.
- Optimized front-end performance of MEAN stack applications by leveraging caching techniques.
- Implemented authentication and authorization mechanisms using JSON Web Token.
- Built reusable code and libraries for future use in other MEAN stack projects.
- Troubleshot existing code issues related to the MEAN stack architecture and fixed them accordingly.
- Utilized version control systems such as Git for managing source code changes effectively.
- Monitored server performance metrics to ensure optimal functioning of the MEAN stack applications.
- Deployed MEAN stack applications on cloud platforms such as AWS or Heroku using Docker containers.
- Debugged client side issues related to browsers compatibility and cross-platform compatibility issues of the MEAN stack application's UI layer.

## SKILLS

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- **Front End Development:**
  - **Technologies:** Proficient in HTML, CSS, JavaScript, and React.js for building dynamic and interactive user interfaces.
  - **Design:** Skilled in Responsive Web Design and User Experience Design to create engaging and accessible web experiences.
  - **Libraries & Frameworks:** Experienced in utilizing jQuery, Bootstrap, Tailwind CSS, and Material UI to enhance frontend functionality and design aesthetics.
- **Back-End Development:** Competent in Node.js and Express.js for developing server-side logic and APIs to support frontend features.
- **Security:** Familiar with Authentication & Authorization methods such as JWT and OAuth to ensure secure data transmission and user authentication.
- **Programming Languages:** Java, Python, C - language
- **Databases:** Skilled in MongoDB and experienced in Database Design and Optimization, enabling efficient data management and storage solutions.
- **Other Skills:** Problem-Solving, Analytical Thinking, Team Collaboration, Project Management

## EDUCATION

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- **MASTER OF COMPUTER APPLICATIONS(MCA)**

St. Ann's College for Women, Hyderabad

CGPA - 7.45

2020 - 2022

- **BSC MCCS (MATHS, CHEMISTRY, COMPUTER SCIENCE)**

Hindu Degree College for Women, Hyderabad

CGPA - 9.18

2017 - 2020