K. Roopa Sree

FrontEnd Developer

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SUMMARY

Passionate Frontend Developer with experience in multiple frontend frameworks and a strong understanding of industry trends and developments .I have a disciplined approach to writing unit tests and ensuring code quality, focusing on structured, readable code preferably following MVC patterns).I prioritize scalability, cross-platform compatibility, cross-browser issues, and module reusability before tackling problems. With a knack for experimenting and adopting the latest technologies, I bring a dynamic approach to development. Additionally, my critical thinking skills allow me to deconstruct complex problems into fundamental components and devise the most effective solutions.

EXPERIENCE

Data Analyst, Oasis Infobyte, West Bengal, India   Jan 2025 - Feb 2025
- **Performed data cleaning and preprocessing** to ensure high data quality and accuracy.
  Analyzed large datasets using Python, Pandas, and NumPy to extract meaningful insights.
  Developed interactive visualizations using Matplotlib and Seaborn to present data-driven findings.
  Implemented SQL queries to retrieve and manipulate data efficiently from databases.
  Conducted exploratory data analysis (EDA) to identify trends and patterns in business data.
  Automated data processing tasks to improve workflow efficiency and reduce manual efforts.
  Collaborated with teams to translate data insights into actionable business strategies.

EDUCATION

Ballari Institute of Technology and Management, Bellary, India - *Bachelor of Engineering, Computer Science and Data Science - GPA: 9.00/10*   Oct 2022 - Present

New Sri Chaitanya College, Ballari, India - *PUC, Computer Science - GPA: Marks :454/600*   Aug 2020 - Jul 2022

CERTIFICATIONS

Data science Courses, Rinex   Feb 2025

Introduction into Programming, Nxtwave Disruptive Technologies Private Limited   Jan 2030

Python Programming Internship, EZ, Trainings and Technology Pvt Ltd

Build your own static website, Nxtwave Disruptive Technologies Private Limited   Jan 2025

Build your own Responsive Website, Nxtwave Disruptive Technologies Private Limited   Jan 2025

Inroduction to Databases, Nxtwave Disruptive Technologies Private Limited   Jan 2001

ACHIEVEMENTS

Hackathon Runner-Up, Ballari Institute of Technology and Management (BITM)   Jan 2024
Developed UI/UX-focused web application at Ballari Institute of Technology and Management (BITM) Hackathon

Certificate of Accomplishment, HackerRank
Earned a Certificate from HackerRank for SQL(Basic), Python(Basic) skill test.

PROJECTS

Optimized Data Fetching with GraphQL, Ballari, India   Feb 2025 - Present
- **Efficient API Calls** – Implemented GraphQL to optimize data retrieval, reducing over-fetching and under-fetching issues.
  - **Flexible Query System** – Allowed clients to request only the required data, improving performance.
  - **Backend Integration** – Designed a structured GraphQL schema to streamline API responses.
  - **Improved Performance** – Reduced network payloads and enhanced data fetching efficiency.
  - **Scalable Solution** – Enabled seamless integration with multiple front-end applications.

FOOD MUNCH APP, Link, Ballari, India   Mar 2025 - Mar 2025
- **HTML, CSS, Bootstrap** – Structured, styled, and responsive front-end development.
  UI/UX Design – Created a clean, intuitive, and visually engaging user interface.
  Responsive Web Design – Ensured seamless performance across all devices.
  Navigation & Accessibility – Designed a well-structured layout for easy usability.
  Front-End Development – Built interactive elements for an immersive experience.

Library Management System, Link, Ballari, India   May 2024 - May 2024
- **HTML, CSS, JavaScript** – Built a structured, interactive, and responsive platform.
  Book Search Integration – Fetches book details from multiple external websites.
  User-Friendly Interface – Designed for seamless navigation and accessibility.
  Responsive Design – Ensures smooth performance across different devices.
  Interactive Elements – Enhances user engagement with dynamic content.

ATM Management System, Ballari, India   Jan 2024 - Mar 2024
- Developed a CRUD application to manage various ATM functions, including money deposit, debit, and account balance checks.
- Designed an intuitive and simple user interface using HTML and CSS.
- Utilized MySQL database for managing transaction records.

SKILLS

Programming Languages	:	JavaScript, Java, HTML, CSS, PHP
Frontend Frameworks	:	React.js, Redux, Angular, User Experience
Database Technologies	:	MongoDB, MySQL
Version Control Systems	:	Git, GitLab, Unit Testing
Development Practices	:	RESTful APIs, JSON, jQuery