Kanugula Shivashanker

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Career Objective:

Motivated **Full-Stack Web Developer** proficient in **HTML, CSS, JavaScript, React, Node.js, Express, MySQL** and **RESTful APIs**. Looking for a challenging role to leverage my skills in building dynamic, responsive, and scalable web applications. Passionate about creating user-centric solutions and continuously learning new technologies to optimize performance and enhance user experience.

Summary:

Motivated **Full-Stack Web Developer** skilled in both frontend (**HTML, CSS, JavaScript, React**) and backend (**Node.js, Express, MySQL**) technologies. Experienced in building responsive, user-centric web applications, optimizing user interfaces, and integrating backend services. Passionate about continuous learning and staying updated with the latest web technologies.

Technical Skills:

Frontend Technologies: HTML5, CSS3, JavaScript, React, Bootstrap, jQuery, Responsive Web Design, SASS

Backend Technologies: Node.js, Express, RESTful APIs, MySQL, MongoDB (Basic)

Version Control & Tools: Git, GitHub, Postman, Visual Studio Code, Npm

Other Programming Languages: Python (Basics), Java (Basic)

Certifications:

• Full-Stack Web Development (JavaScript, HTML, CSS, Node.js, Express, React) – Udemy

• Python Programming – Chaitanya Academy

• Java,c ,Overview of AI and Oracle SQL Basics -TCS ioN

Education:

Master of Science in Advanced Computer Science
Cardiff Metropolitan University | Sept 2022 – 2024
Focus: Software Development, Information Security, Data Analysis, Research Methods, Cloud Computing
Percentage: 63% (Merit) | **Credits**: 180/180

Bachelor of Technology in Computer Science and Engineering
Vaagdevi College of Engineering | 2020
CGPA: 6.7

Intermediate
SR Junior College | 2016
Percentage: 94%

Secondary School Certificate (SSC)
Little Soldier Concept School | 2014
Percentage: 95%

Key Projects:

Resume Builder Application with Integrated Features (React, Node.js ,MySQL):

Built and deployed an interactive web application that allowed users to generate dynamic resumes in real-time. A dynamic web application for generating personalized resumes in real-time with the following features:

Frontend: Built using React with features like light/dark mode, time-based greetings, and dynamic content updates (e.g., live weather, news feed).

Backend: Implemented Node.js and Express for CRUD operations and user authentication using Google OAuth.

Database: Integrated MySQL for storing and managing user data and resume sections.

Key Functionalities:

Real-time resume creation with dynamic content

Live weather updates and background image customization

AI chatbot integration for user assistance for information to search

News Feed displaying real-time updates

User authentication (Guest, Manual, Google Sign-In)

CRUD operations to create, edit, and delete resume sections

E-commerce Website (Back-end with Node.js): Developed a backend for an e-commerce application with features such as user authentication, product management, and shopping cart functionality:

- Built APIs using **Node.js** and **Express** to manage products, users, and orders.
- Integrated **MySQL** for database management and stored user data securely.
- Implemented **RESTful APIs** for smooth communication between frontend and backend.

Front-end Practice Websites (HTML, CSS, JavaScript): Completed 10+ frontend practice projects, including:

- Landing Page Designs: Created interactive landing pages with animations and form validation.
- Interactive Forms and Dashboards: Built user forms and dashboards to practice DOM manipulation and responsive layouts

Additional Projects and Assignments:

Protecting Location Privacy in Ad Hoc Mobile Cloud Computing: Developed a privacy-preserving framework for task allocation in mobile cloud computing, addressing challenges in location privacy and enhancing data security across mobile devices. (Technologies: Python, ArcGIS)

Geospatial Analysis: Analysed spatial data using **Python** and **ArcGIS** to address real-world geographic problems and derive meaningful insights.

Programming for Data Analysis: Utilized **Python** and **Pandas** for large dataset analysis, enhancing data-driven decision-making processes.

End User Computing Risk Management: Identified and mitigated risks associated with end-user computing in corporate environments, improving overall IT security and reducing vulnerabilities.

Software Development & Technology Project Management:Applied **Agile methodologies** and **project management principles** to coordinate software development processes, ensuring timely project delivery and efficient technology implementation.

Personal Details:

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- Languages: Telugu and English