Riya Divakaran

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SUMMARY

Web Developer with hands-on experience in Angular and React.js, proficient in both front-end and back-end development. Skilled in using HTML, CSS, JavaScript, modern technologies like Azure, and CI/CD tools to build high-performance web applications. Known for rapid learning and adaptation to new technologies and methodologies. Dedicated to continuous improvement and delivering user-focused solutions. Proven ability to work collaboratively in cross-functional teams, driving successful project outcomes.

EDUCATION

Stevens Institute of Technology, USA | *Master of Science in Software Engineering*　　　　**Sep 2022 - May 2024**
University of Mumbai, India | *Bachelor of Engineering in Computer Science*　　　　**Aug 2018 - May 2022**

SKILLS

Languages: JavaScript, TypeScript, SQL, HTML, CSS, Java, C#, Python, C++, PHP
Technologies: MySQL, MongoDB, AWS, Firebase, SQL Server, NoSQL, React.js, React Native, Angular, Node.js, Django, Git, PyCharm, VS Code, Jupyter Notebook, CircleCI, Microsoft Azure, REST, Docker, GitHub, Figma, Bootstrap, jQuery
Certifications: Certified in JavaScript, HTML, CSS (Duke University, Coursera), Python (University of Michigan, Coursera)

PROFESSIONAL EXPERIENCE

Green2Gold |Web Developer Intern　　　　**Aug 2024 - Present**
- Developing an e-commerce site for harm-free products, hosted on ChemiCloud.
- Implemented seamless ordering, payment solutions, and automatic order processing to external warehouses.
- Optimized site navigation and search, directing users to specific products and ensuring a user-friendly experience.

Nexus Software Limited |Jr. Web Developer　　　　**Aug 2021 - Jun 2022**
- Developed and integrated interactive UI components using **Angular and React.js**, such as dynamic forms and real-time data visualizations, which increased user engagement and satisfaction by **20%**.
- Implemented and optimized **RESTful APIs** with **Node.js**, including advanced user authentication and real-time data filtering, leading to a **15%** reduction in page load times and enhanced application performance.
- Enhanced web application features by integrating third-party services and APIs, such as payment gateways and geolocation, using **JavaScript and Node.js** to meet evolving client needs.
- Refactored existing code and improved database queries, resulting in faster response times and a **15%** reduction in server load, ensuring efficient performance of web applications.
- Conducted thorough code reviews and provided feedback to maintain high-quality code standards and best practices, contributing to the stability and reliability of web applications.
- Created detailed technical documentation for internal use, including API documentation and user guides, to support development and project continuity.
- Debugged and troubleshot complex web application problems, leading to a **30%** reduction in error rates and a **15%** boost in overall system reliability for clients.

The Sparks Foundation |Intern　　　　**May 2021 - Jul 2021**
- Assisted in developing a web application for managing project submissions and reviews using **HTML, CSS, JavaScript, React.js**.
- Supported backend development with **Node.js and SQL**, contributing to a **10%** improvement in data retrieval efficiency.
- Made enhancements to the user interface and improved security measures with **React.js**, resulting in user satisfaction.
- Contributed to integrating **RESTful APIs**, reducing data processing time by **5%**.
- Utilized **Git and GitHub** for version control, helping manage code changes and reducing conflicts.

ACADEMIC PROJECTS

- **Capstone Project: Wardrobe Wizard:** *Figma, JavaScript, HTML, CSS, Firebase, CircleCI, and Microsoft Azure.*
- **Web Application for Online Mental Health Consultancy:** *Figma, HTML, CSS, JavaScript, PHP, and MySQL.*
- **Web-Based School Management System:** *Node.js, HTML, CSS, and JavaScript.*
- **Real-time Gender Detection System:** *Python, OpenCV, and Tkinter.*

TECHNICAL PAPERS/PUBLICATIONS

Real-Time Sign Language Detection, International Research Journal of Engineering and Technology (IRJET). **Link**