

Deep Rajesh Furiya

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SUMMARY

Full stack developer with 1+ year of experience specializing in designing and developing user-centric, responsive web applications. Proficient in the Software Development Life Cycle (SDLC) and Agile methodologies, ensuring timely delivery of high-quality projects. Expert in modern web technologies, including React.JS, Node.JS, HTML5, CSS3, JavaScript, and jQuery. Skilled in leveraging frameworks and tools such as Bootstrap for responsive design, React-Redux for state management, and AJAX for dynamic content updates. Demonstrates strong competency in DOM manipulation for interactive UIs and proficient use of React Developer tools for debugging and optimization. Experienced in integrating front-end applications with back-end services using JSON and AJAX, and managing databases with MySQL. Proficient in version control using Git, and utilizing MS Office for project management and communication. Delivers outstanding user experiences and contributes to team success by combining technical expertise with creative design and effective problem-solving abilities.

EDUCATION

Master of Science in Computer Science | The University of North Carolina at Charlotte **GPA:3.9**

August 2022 - May 2024

Bachelor of Engineering in Computer Engineering | University of Mumbai **CGPA:7.9**

August 2017 - June 2021

TECHNICAL SKILLS

- **Programming Languages:** Java, Kotlin, PHP, C++, Python
- **Front-end Development:** HTML, CSS, JavaScript, React.JS, Node.JS, jQuery, Ajax, Bootstrap, DOM Manipulation
- **Back-end & Databases:** Propel, REST API, XML, JSON, Firebase, MongoDB, MySQL
- **Tools and Services:** Docker, Git, Jira, WordPress, MS Office

WORK EXPERIENCE

Full Stack Developer | Top 10 Mobiles

August 2021 - July 2022

Skills: HTML, Bootstrap, JavaScript, JQuery, CSS, PHP, NodeJS, SQL, Databases, AJAX, Enterprise Resource Planning

- Developed web-based **ERP software** using HTML, NodeJS, and SQL with an integration of **Role-based access control** (RBAC) for enhanced security and user access management
- Engage in the full Software Development Life Cycle (SDLC) following both **Agile** and **Waterfall** methodologies, adapting processes to project needs for optimal outcomes
- Developing and maintaining robust web applications utilizing JavaScript, jQuery, and AJAX for **dynamic content** updates, enhancing user interaction and satisfaction by 30%
- Utilized **geolocation features** and JavaScript **image compression** to enhance system security and reduce storage space by 20%
- Performing **DOM manipulation** and event handling to create interactive features that increased user time on site by 15% and contributed to a 20% growth in user retention

ASSISTANTSHIPS

Graduate Teaching Assistant | University of North Carolina

January 2023 - Present

Skills: Java, Programming, Android Studio, Presentation, Grading, Course structuring, Planning

- Mentored 60 students in a **mobile application development** course in **Java** and **Kotlin**, increasing average project scores by 15% through targeted support strategies
- Analyzed student data, identified common challenges, and crafted resources, resulting in a 20% reduction in project completion time

Research Assistant | University of South Carolina

June 2023 - August 2023

Skills: Propel, PHP, MySQL, Apache, Postman, Security, Database, GitHub, Docker, Back end, Collaboration

- Created **RESTful APIs** in **Propel** using Object-Relational Mapping, optimizing communication between the mobile app and MySQL database and reducing data latency by 30%
- Formulated backend APIs for PHP server, using **JSON** for data interchange, resulting in a 25% improvement in data retrieval efficiency
- Managed and maintained a **SQL** database, ensuring seamless data operations for the application reducing response time by 25%

ACADEMIC PROJECTS

Trading Web App

Skills: HTML, CSS, JavaScript, NodeJS, ExpressJS, MongoDB

- Developed a mobile trading application leveraging HTML, CSS, Bootstrap, JavaScript for a user-friendly frontend
- Implemented backend with MVC architecture, Express.js, Node.js, and MongoDB, resulting in a 30% acceleration in processing speed

Rental House Finding Platform

Skills: React, Redux, REST APIs, SQL, CSS, Bootstrap

- Developed a rental house platform using React and Redux, enabling seamless posting and browsing of listings. Integrated SQL for robust database management and RESTful APIs for real-time data updates.
- Optimized interface using Bootstrap, ensuring responsive, device-friendly access to improve user engagement and satisfaction

Fake Tweet Detection using Machine Learning

Skills: HTML, CSS, JavaScript, Python, Django, PyScript, Twitter API

- Designed a web application for detecting fake tweets, leveraging machine learning technologies and integrated the Twitter API, Naive Bayes Classifier, and Logistic Regression, achieving a 92% accuracy rate for precise predictions
- Integrated the website seamlessly using Django and PyScript, establishing a user-friendly interface that contributed to a 30% increase in user engagement