Kishan Patel

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EDUCATION

Stevens Institute of Technology, Hoboken, New Jersey, USA   **Expected May 2024**

Master Of Science, Computer Science

Gujarat Technological University, India   **May 2020**

Bachelor Of Engineering, Information Technology

TECHNICAL SKILLS

- **Programming Languages:** Python | .Net web language (C#) | JavaScript | Java | CSS | Html5 | Typescript

- **Frameworks:** Angular | ASP.NET Core | Django | Bootstrap | React | NodeJS

- **Libraries and Technologies:** jQuery | AJAX | REST API

- **Database / Cloud:** MySQL | SQL Server | MongoDB | AWS

- **Tools:** GitHub | GitLab | Jira | VS Code | Visual Studio 2022 | Postman | MS Office | Jupyter

- **SDLC Methods:** Agile Methodology | Scrum | Waterfall | Spiral | DevOps

WORK EXPERIENCE

Software Developer - Rishabh Software Pvt Ltd, India   **Jun 2021 - May 2022**

- Developed web applications using **HTML**, **CSS**, **JavaScript**, and **AngularJS**, meeting strict deadlines and project specifications.

- Collaborated with cross-functional teams to create technical documentation, user manuals, and guidelines.

- Refactored existing code to increase efficiency and maintainability, resulting in an average of **10%** increase in development speed.

- Completed code reviews and assisted with sprints to adhere to agile methodology.

ACADEMIC PROJECTS

Employee Management System

- Developed web applications utilizing modern technologies such as **HTML5**, **CSS**, **Angular**, **ASP.NET**, and **SQL Server**.

- Implemented **Two-way Data Binding** in Angular, synchronizing model-view data for 20% fewer user input errors and a seamless user experience. Streamlined development process, showcasing effective use of Angular's advanced features.

- Created advanced **search** functionality and **CRUD** operations in back-end.

Children's Chores Management

- Crafted front-end web applications using modern technologies like **HTML5**, **CSS**, **Angular**, and optimized user interfaces for seamless user experiences.

- Children's Chores Management is a web-based application designed to help parents manage their children's daily tasks, schedules, and responsibilities.

- Led a 4-member team, guiding discussions, managing requirements, overseeing development, and ensuring thorough testing. Engaged in **Agile methodologies**, particularly Scrum, for efficient project delivery, demonstrating effective leadership and commitment to streamlined processes.

Hospital Management System

- Developed a patient medical history database using **Node JS** and **MySQL**, improving data accessibility and enhancing patient care outcomes.

- Implemented React front-end development best practices, resulting in a **25%** faster page loading time and increased user engagement metrics.

- Conducted thorough testing and debugging, resolving **90%** of reported issues to ensure optimal system performance.

Spotify Party Mixer

- Spearheaded the establishment of an interactive website using **MongoDB**, **React**, **Node.js**, and **Express.js**, seamlessly integrating Spotify's API for real-time song and playlist data.

- Implemented robust backend user authentication and pioneered a feature enabling 23 guests to contribute to the party's music queue, inspiring Spotify to adopt a similar functionality later that year.

LinguaVerse- Language Learning Platform

- Developed a responsive front-end for LinguaVerse using **React** and **Material UI**, reducing load times by **25%**. This involved integrating **RESTful APIs** for dynamic content updates, enhancing platform responsiveness.

- Crafted and optimized lightweight, user-centric UI components with JavaScript and Material UI, contributing to a streamlined interface and efficient data rendering.