KAUSHIK YADAV JALLAM

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Summary

Passionate Software Developer with a knack for crafting seamless user experiences. I bring expertise in software development and a commitment to building intuitive, high-impact applications. Enjoys working with cross-functional teams to deliver impactful solutions.

Skills

Programming Languages: JavaScript, TypeScript, Python, SQL

Web Technologies: HTML5, CSS3

Libraries: React.js, Redux, React Testing Library, React Router, jQuery

Frameworks: Node.js, Django, Flask, .NET framework, Playwright, Jest, REST, SOAP, Bootstrap, Ant Design, Material UI, Tailwind CSS

Databases: Oracle, MySQL, Microsoft SQL Server

CI/CD and Containerization: Buildkite, Jenkins, Docker, Kubernetes

Package managers and Build Tools: npm, yarn, Parcel, Webpack, Grunt

Version Control: Git Hub, Bitbucket

Tools: JIRA, Git, Confluence, Visual Studio Code, Postman, Figma

Experience

Senior Software Engineer, GILEAD (Contract), Raleigh, NC, USA   **October 2023 - Current**

- Transformed wireframes into responsive, functional pages by leveraging **React**, ensuring a seamless transition from design to code, and enhancing user interaction across various devices.
- Developed reusable functional components using **React Hooks**, allowing for cleaner code, improved performance, and easier maintenance throughout the application's lifecycle.
- Styled complex components and layouts with **Tailwind CSS**, creating a consistent and visually appealing user interface that adhered to the design specifications.
- Implemented efficient routing and **lazy loading** with **React Router**, optimizing resource loading and ensuring faster navigation.
- Integrated dynamic data into UI components by consuming **RESTful APIs**, which enabled real-time data display and a more interactive user experience.
- Managed global state effectively using **Context API** and **Redux**, handling complex state logic and ensuring data consistency across the application's various components and pages.
- Executed comprehensive **unit** and **integration** testing with **Jest**, identifying and resolving potential issues early in the development cycle, which significantly reduced bugs and improved code reliability.
- Optimized the application for production by bundling the project using **Parcel**, which minimized load times and ensured faster deployment with an efficient build process.

Senior Application Development Analyst, Accenture, India   **July 2021 – December 2022**

Client: Uber (USA)

- Executed **automation testing (e2e)** for Uber Freight, scripting scenarios in JavaScript, enhancing software quality.
- Utilized the **Playwright** framework to enhance test coverage and efficiency, resulting in a more robust testing process.

- Conducted thorough code reviews, ensuring integrity and collaboration before **Git** updates.
- Managed test scheduling using **Buildkite** for **CI/CD**, improving the efficiency of execution and reporting.
- Led a team of 3, promoting collaboration and successfully delivering projects in the Freight division.
- Applied **Scrum** within **Agile methodologies** and utilized **JIRA** for issue and bug management, significantly improving iteration speed.

Software Engineer, Zensar Technologies, India   **July 2018 – July 2021**

Clients: Beckman Coulter Inc (USA), Christies (UK)

- Developed robust **APIs** to fetch data in **JSON/XML** format, seamlessly integrating with the frontend to enhance performance and user interaction.
- Conducted comprehensive API testing using **Postman**, ensuring reliability and efficiency.
- Deployed a diverse tech stack **(Ant Design, React, Node.js, SQL)** for scalable Phoenix project solutions.
- Managed job scheduling and server maintenance, optimizing system stability and performance for a **Django** based application.
- Addressed front-end issues in Christie's web development team, collaborating effectively with cross-functional teams.
- Optimized project bundling with **Webpack** and performed efficient **DOM manipulation** for improved user interaction.
- Presented a proof of concept for Christie's Buzz app by performing component design that showcased **Material UI** and React expertise and conducted **unit testing** and **integration testing** for the developed application, earning stakeholder acclaim by meeting their business requirements.

Software Engineer Intern, Hebeon Technologies, India   **March 2017 – March 2018**

- Created and maintained features for a .NET-based application, leveraging **C#** and the **.NET framework**.
- Executed backend tasks, enhancing database interaction and business logic implementation.
- Facilitated Agile development practices, ensuring timely delivery of features through sprint planning and daily stand-ups.

Projects

Chalo- Collaborated with a team of 5 developers to engineer a user-friendly transportation web app using **FLASK**, optimizing ride requests and empowering passengers to select drivers based on quotes, enhancing user satisfaction and operational efficiency.

Portfolio- Created a personal website with **HTML**, **CSS**, and **JavaScript**, significantly improving online visibility and personal branding through increased traffic and user interaction.

Weather application- Developed a web application that allows users to enter a location and receive real-time weather information. Created **REST APIs** to fetch and present accurate weather data from third-party services on the front end.

Text to speech- Worked on a project to transform text into immersive speech.

Education

Master's in computer science, UAB, Birmingham   CGPA-3.6/4   **January 2023 – April 2024**
Batchelor's in computer science, CMRCET, India   CGPA-3.75/4   **September 2014 – May 2018**