PARTH HINGU

Front-End Developer | 6+ Years of Experience
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Innovative **Front-End Developer** with **6+ years** of experience designing and optimizing dynamic, user-centric web applications. Proficient in **JavaScript/TypeScript, React, and AWS Cloud services**, with a strong track record of reducing page load times, implementing scalable microservices, and enhancing user experiences in **Agile environments**. Adept at collaborating across teams to streamline **CI/CD pipelines** and deliver **high-quality code** that meets WCAG accessibility standards.

Technical Skills

Front-End	ReactJS, jQuery, Redux, TypeScript, Styled Components, JavaScript, NextJS, Tailwind CSS, Material UI, Bootstrap, SASS, Jest, React Testing Library, Webpack, HTML, CSS
Back-End	NodeJS, ExpressJS, C#, GraphQL, MongoDB, MySQL, Firebase, REST API, OOP
Other	AWS, Git, JIRA, Splunk, Agile/Scrum, StoryBook, Figma

Work Experience

Software Engineer II at Pfizer

05/2021 - Present

- Spearheaded development of **23 core web libraries** using Next.js, TypeScript, and Angular—enhancing responsiveness and code reuse for **millions of global users**.
- Optimized webpage load time by **6 seconds** through Webpack, Babel, CDN integrations, and **server-side rendering** (SSR), boosting site performance and user satisfaction.
- Implemented **Jest and React Testing Library** in an Agile/TDD environment, ensuring robust unit and integration tests for predictable state mutations.
- Streamlined CI/CD by configuring **GitHub Actions**, maintaining a deployable state and reducing release cycles.
- Aligned front-end components with **Material Design** guidelines for a consistent brand identity and cross-browser compatibility.
- Built modular **RESTful** and **GraphQL APIs** (with Express.js & Apollo) for microservices, improving scalability and ease of maintenance.
- Enhanced performance of targeted marketing efforts by **40%** through a **Node.js cron job** that leverages the json-rule-engine library for dynamic tagging.
- Led accessibility optimizations to comply with industry standards, ensuring inclusive experiences for all users.
- Migrated from REST to GraphQL for more efficient data retrieval, reducing payload sizes and improving performance.
- Consolidated department web apps into a single **monorepo** (NX), migrating from JavaScript to **TypeScript** for stronger type safety.
- Leveraged AWS (S3, ECS, DynamoDB, IAM) to ensure scalable, secure, and highly available deployments.
- Extended Node.js microservice architecture by adding new Express.js routes, implementing **Redis caching**, and integrating **GraphQL resolvers**, reducing API response times by **35%** and enabling marketing to increase personalized campaign engagement by 15%.

- Integrated a partner's REST API into back-end, setting up **JWT-based authentication**, error handling, and Splunk monitoring, achieving full compliance with security standards, **decreasing manual errors** by 40%, and **reducing downtime risk** by 25%.

Software Engineer Intern at Elphi Inc.

08/2020 - 12/2020

- Revamped landing page from a static form to a dynamic, error-validated system, implementing custom React hooks with Redux form handling, **reduced user drop-offs by 35%** and generated over **600 new leads**.
- Created a reusable component library using **Atomic Design principles**, standardizing UI elements and accelerating feature delivery, **improved code reusability** by 40% and **cut UI development time** by 30%.
- Identified and rectified **5+ accessibility gaps** by collaborating with developers to meet **WCAG standards**, increasing platform's inclusivity and **boosting user satisfaction** among assistive technology users.
- Integrated Git-based version control into Elphi's **CI/CD pipeline**, enforcing code quality checks and **automated testing**, reducing deployment errors by 20% and fostering **smoother collaboration** across team.
- Maintained and **enhanced existing jobs** for data cleanup and user engagement tracking, optimizing performance through **improved query handling** and error reporting, resulting in a 30% **reduction in job failures** and more reliable analytics.

Extern at AT&T

06/2020 - 08/2020

- Collaborated with UX, stakeholders, product owners, and QA teams to deliver new features, met style guides and code efficiency standards.
- Decreased human error by **80%** using schema-based form validation, ensuring accurate data inputs.
- Resolved **~15 bugs** per month, enhancing platform stability by 20%.

Adjunct Professor at Rutgers University

09/2019 - 12/2020

- Taught Object-Oriented Programming & Design, asynchronous programming, web app development, and version control to 500+ students.
- Led weekly recitations for 120 students, clarifying course material and guiding hands-on exercises.
- Evaluated React web projects and exams for 16 cohorts, offering timely, detailed feedback to enhance learning outcomes.
- Communicated complex technical topics to a diverse student body with varying skill levels.

Software Engineer I at Cashcow

04/2017 - 09/2019

- Engineered a .NET Core web tool with **C#**, **Entity Framework**, **Bootstrap**, and **JavaScript**, reducing manual processes from **2 days to 20 minutes** by automating data manipulation and validation.
- Accelerated query performance between a log aggregator and SQL Server from **1 hour to 5 minutes** via **asynchronous C# methods**, optimized data indexing, and refined Entity Framework calls.
- Enhanced user experience and interface design, **increased quarterly sales by 10%** and improved user ratings by **0.5**.

Education

Rutgers University – Master's in Information Technology & Analytics 09/2019 - 12/2020

Mumbai University – Bachelor of Engineering in Information Technology 06/2014 - 03/2018