Ganapathy Ponraj

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SUMMARY

Versatile UI Engineer with 3+ years of experience in designing, developing, and managing complex web & mobile apps. A self-driven and highly motivated Frontend Engineer passionate about solving complex problems and being creative, who loves to obtain a position as a **Front-End Software Developer** in a fast-paced environment where learning is nonstop, and the tasks are as complex as the previous day of work.

SKILLS

Programming Languages: HTML, CSS, SCSS, JavaScript (ES6) **Libraries:** React, Redux, jQuery, Python **Frameworks**: Angular.js, Node.js, **Testing**: Enzyme, Jest **CI/CD**: Git, GitHub, AWS. **UI Design**: Invision Studio, Figma **Other**: REST APIs, NPM

Soft skills: Teamwork, Accountability, Time management, Communication, Agile methodologies, Analytic Skills, Stakeholder Management

EDUCATION

Masters in engineering management
University of Ottawa • Ottawa,Canada • June 2022 • 3.9

B.E - Mechanical Engineering
Mepco Schlenk Engineering College • India • 2018 • 3.9

EXPERIENCE

Senior Systems Engineer
Infosys   **October 2020 - December 2020, India**
• Collaborated with a Senior Technology Architect on developing a proof-of-concept project using **AngularJs** and **GraphQL** that acts as a reusable UI Library and a dynamic application that would be adapted across 10 different projects handled by Infosys increasing the efficiency by 50% and reducing the project build time by 25%.
• Communicated directly with the stakeholder's for project review and ensure timely completion of the project deliverables by reducing the error rate from 40% to 0%.
• Increased webpage performance by monitoring the **API** calls and optimizing the data sent and received which led to 50% reduction in load times
• Implemented module bundler system during the deployment phase of an application using webpack.
• Designed and Developed Single Page Applications and added progressive web apps(PWA) as a part of the project for a client.

Systems Engineer
Infosys   **May 2018 - September 2020, India**
• Collaborated with the stakeholders for gathering design and functionality requirements for implementing in their modern version of their legacy application that would increase their efficiency by **50%.**
• Analyzed the requirements requested and designed the UI using tools such as **FIGMA** and discussed with the stakeholders which unlocked new possibilities and landed on the final design which helped cut down the down time of rework, design changes after development by 50%.
• Coordinated with a team of 5 members and contributed to the development of **40%** of the frontend of the entire application while following Agile Methodologies of **SCRUM** for timely delivery and implementing design patterns for UI and UX designs.
• Created more than 15 webpages, integrated 60+ **REST APIs** and more than 100+ UI elements as part of the 6 projects.
• Developed applications with the use of **Redux store** and **react- routers** for navigation which increased applications efficiency by 50%.
• Performed testing across mobile platforms and also debugged errors in 4 projects with strong understanding of cross-browser compatibility development and testing concepts.
• Performed Unit Testing and feature testing using **Jest** and **Enzyme** before deployment of each feature ensuring error percentage is less than 2%.

COURSEWORK

Data Science Applications
University Of Ottawa • **Skills Involved**: Analytical skills, Teamwork, Problem-solving, Python, Tableau, Data visualization. • 2022

Coordinating a team of members, developing a Film Recommendation App based on 1000's of obtained data from users and recommending right movies to the new users.