HARSHA VARDHAN AMARANENI

Edison, NJ — Open to Relocation

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PROFILE SUMMARY

Front-End Developer with **3+ years** of hands-on experience on Reactjs, Angular 8, JavaScript, TypeScript, CSS, SCSS, Styled Components, Tailwind CSS, HTML, HTML5, Material UI, Bootstrap 5, Apollo client, GraphQL, RestAPI.

SKILLS

Programming Languages: JavaScript, Java, C++.
Web Development: ReactJs, Angular, NextJs, JavaScript, Typescript, HTML, CSS, SCSS, Styled components, Tailwind CSS, Material UI, Bootstrap, Webpack, Babel, ES6, Flow.js, GraphQL, Apollo Client.
Database: MySQL | **OS**: Linux, MacOs, Windows. | **Web Services**: RestAPI, GraphQL | **Tools/Technologies**: Git, GitHub, AWS.

EXPERIENCE

Bizom. (Mobisy PVT)

Software Engineer   June 2022 – August 2023
- **Enhanced mobile user experience by optimizing screen utilization**, leading to a **25% reduction in user drop-off rates** on mobile devices.
- **Assumed responsibility for production releases**, delivering 30+ successful releases within strict deadlines.
- **Implemented global filters** that empowered users to customize data according to their needs, leading to a **25% improvement in user satisfaction** .
- **Enhanced performance and responsiveness by applying React Memo, useCallback**, and efficient data fetching techniques, resulting in a **11% faster page load time.**
- Implemented user **authentication** and **authorization** flows using **JWT tokens** .
- Conducted thorough **code reviews** and provided mentorship to team members on **best practices** in React.js, JavaScript, and front-end development to best of my knowledge .

Associate Software Engineer   Jan 2021 – June 2022
- **Implemented automation to the UI**, reducing the number of clicks needed to generate a simple report from **32 to 12**, improving workflow efficiency by **over 60%**.
- **Utilized Apollo Client's cache and optimistic UI updates**, enhancing the user experience with instantaneous feedback and reducing perceived latency by **35%**.
- Developed **custom error boundaries** in React, handling component errors gracefully, improving application stability, and reducing crashes.
- Ensured high code quality and maintainability through comprehensive **unit and integration testing** with **Jest**.
- Leveraged modern CSS techniques, including Flexbox and Grid, to create responsive and adaptive layouts.

Research and Development Intern   June 2020 - Dec 2020
- Acquired expertise in front-end technologies, including **ReactJS, HTML, CSS, GraphQL, Apollo Client, and Material-UI**.
- **Added Mixpanel and Google Analytics**, tracking **100% of key events** and advancing product analysis, leading to a **15% increase in actionable insights**.
- Utilized **advanced JavaScript** features, such as **ES6+** syntax, to write clean, efficient, and maintainable code.

EDUCATION

Wilmington University of Maryland   Wilmington, DE
Master of Engineering in Information System, GPA: 3.64   May 2025
International Institute of Information Technology Bangalore   Bangalore, India
Integrated Master of Technology in Computer Science, GPA: 3.25   July 2021

PROJECTS

Ecommerce website - clothing platform, Wilmington University, 🌐 link   ⦿ github code
- Developed a responsive multi-page e-commerce website using **React.js**, **JavaScript**, and **SCSS**, with secure **authentication** via **Firebase** and integrated **Stripe** for **payments**. Focused on **mobile responsiveness** and performance optimization.

Tasty Treat, Food Ordering application, 🌐 link   ⦿ github code
- Developed an Angular-based online food ordering platform with multi-routing, global search, and filter functionalities, featuring a visually appealing CSS-styled interface. Practical experience with Angular 16 and Angular CLI.

CERTIFICATIONS

- Complete React Developer in 2023 (w/ Redux, Hooks, GraphQL), Udemy.
- Cybersecurity Roles, Processes Operating System Security, Coursera, May 2020