Venkata Matcha

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Skills

Programming languages: Typescript, Javascript, ES6+, Java.
Frontend: React JS, AG-Grid, Web Components, HTML, CSS, React-query, Vite, Webpack, React router, Redux, D3, Highcharts.
Backend: SpringBoot, SQL, NoSql, Node.js, REST API
Cloud: AWS - EC2, Kubernetes, S3. Azure - VM.

Experience

Senior FrontEnd Engineer, UBS – Weehawken, NJ   Jan 2024 – Present
- Developing a Trading application that facilitates the Proposal of trades, categorization of Orders, and Validation of orders.
- Leading a team of 6 UI developers for building the Trading platform.
- Solved/ing problems such as - React component wrapper for web-components, Migration of Class Components to functional, Conversion of lifecycle methods, and setState to useReducer.
- Leveraged AG-Grid, advanced capabilities for data-table sort, filter, and CRUD.
- Building realtime visualizations using D3 for trading transactions, helping users to make precise decisions, 15% faster.
- Reviewed code on 5 additional teams, thus increasing contributions by 3x factor.
- Troubleshooted DEV and QA Azure VM, which are orchestrated using Gitlab and Azure Kubernetes.

Software Developer Intern, Map Communications – Chesapeake, VA   May 2022 – July 2022
- Implemented web RTC, document sharing, and Agent statistic dashboard for a Virtual Receptionist software company.
- Increased efficiency of Employee management portal by indexing database tables and QueryDSL to deal with complex filter query helped in reducing response time from 4 seconds to 700 milliseconds
- Refactored redundant UI into reusable components, and optimized site performance by lazy loading below the fold content.
- Managed CI/CD pipelines, and implemented build scripts, continuous integration infrastructure, and deployment tools.
- Consumed Restful APIs, implemented JWT and LDAP authentication, and handled bulk operations.
- Utilized CSS-in-JS, and CSS-in-module techniques to create a consistent and visually appealing UI.
- Implemented authentication and authorization with JWT tokens.
- Conducted pre-testing of web service calls on Swagger UI and Postman.

Senior Software Engineer, Freshworks – Chennai, India   Nov, 2018– Aug, 2021
- Developed various application areas such as Lead scoring, Deal stages, and Freddy AI UX.
- Worked on UI features such as bulk updates, bulk email, and consumption of form services.
- Participated in code reviews on Github to ensure code quality and adherence to best practices.
- Followed SDLC phases: ideation, planning, development, testing, and production deployment. Agile 2-week sprint model.
- Converted Figma mockups to code, Negotiated user interactions, and added dynamic UI based on the User-Stories.
- Wrote unit tests in Jest and Enzyme, resulting in 80% code coverage.
- Worked on CI/CD pipelines in Jenkins, and deployed packages, and assets to AWS VM clusters through kubectl services.
- Optimized website performance with tools like Lighthouse and improved front-end site performance.
- LazyLoaded sections of page by implementing intersection observer API, resulting in 30% less page load time.
- Developed and deployed Freshworks CRM Outlook Add-in with React.

Senior Associate, CTS – Chennai, India   Aug 2013 – Nov, 2018
- Built front-End with functionalities such as registration, take quiz, admin access, managed questions, and managed candidates, styled the application in Pearson's DLS (Design Language System).
- Set up route-based code-splitting of application code. Worked on improving the landed page's load speed and reduced the time to the first interactive by 30%.

Education

Old Dominion University, Norfolk, VA – M.S in Computer Science   May 2023
IIITDM, Kancheepuram, India – B.E in Electronics Engineering   May 2012