Hema Vasupalli

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GitHub - https://github.com/hemavasupalli   **Portfolio** - https://hemavportfolio.netlify.app/

To expand my knowledge as a Full stack Developer with 4 years of proven expertise that I have learnt through my education and Experience. My objective is to contribute towards stakeholder growth for the client and organization that I work for by my perpetual inclination contributed by personal traits like dedication, experience, knowledge and understanding of the process and business functions.

Professional Summary

- Skilled in developing complex web applications using React and Redux, with a deep understanding of modern web development technologies such as JavaScript, ES6, TypeScript, HTML, CSS, and Tailwind.
- Knowledgeable in RESTful API design and development, with experience in building scalable and secure APIs using Node.js and MongoDB.
- Experience in implementing user authentication and authorization using JWT.
- Experienced in deploying and managing cloud-based applications on AWS Lambda, with a strong understanding of serverless architecture and AWS services such as S3, API Gateway, and DynamoDB.
- Familiar with Git version control, Jenkins, GitHub, Docker, OpenShift, Kubernetes and CI/CD pipelines, with experience in testing and deploying software changes in a continuous integration environment using Jest, Selenium, Webpack, Parcel, and other modern web development tools.
- Comfortable working in a fast-paced and dynamic environment, with excellent problem-solving and communication skills.
- Passionate about staying up to date with the latest web development technologies and trends, and eager to learn and grow in a collaborative team environment.
- Proven ability to work effectively both independently and as part of a team, with a strong focus on delivering high-quality software that meets business requirements.
- Results-oriented and dedicated to delivering value to clients and stakeholders through innovative and user-friendly software solutions.
- Familiar with project management tools such as Jira and Confluence and experienced in working in Agile software development environments.

Experience

APRIL 2022 – DECEMBER 2022
Front End Software Developer Intern /Property Vista, Toronto, ON

- Working on Feature enhancement for Java applications.

- Developed web applications using React for Property management Pages.
- As the sole developer, indulged in requirement gathering, UX design discussions, development, deployment, and maintenance.
- Involved in code reviews, unit/functional test case reviews, and refactoring. Used Jest for mocking functions and writing unit tests for testing component coverage reports.
- Upgraded packages to new versions and resolved vulnerabilities and conflicts.
- Worked on ES6 features for handling asynchronous data requests, Deep functional knowledge in building reusable components and libraries for future use and have a Good Understanding of the Document Object Model (DOM).
- Knowledge of serverless technologies such as AWS Lambda.
- Develop and deploy AWS infrastructure using Terraform and AWS services such as CloudFront, DynamoDB, S3, API Gateway, and Lambda.
- Oversaw all Agile methodologies and ceremonies - sprint planning, backlog refinement. Used Jira for user story tracking processes and streamlining agile planning.

SEPTEMBER 2021 – APRIL 2022

Teaching Assistant /Wilfrid Laurier University, Waterloo, ON

Working as an Instructional Assistant for the course JavaScript and Data Science. Assigned work includes doubt Solving in JavaScript/Python, helping students, grading assignments and lab and other administrative tasks.

OCTOBER 2018 – AUGUST 2021

Application Development Analyst /Accenture, India

- Developed web applications using React for Sanofi projects.
- As the sole developer, indulged in requirement gathering, UX design discussions, development, deployment and maintenance.
- Integrated Redux with React components and utilized selectors to optimize rendering and improve application speed.
- Designed and implemented React Router to handle navigation and routing in a complex web application.
- Optimized performance of user interface by implementing debouncing on frequently used input fields, resulting in improved speed and reduced server load.
- Utilized Tailwind CSS to create a responsive, modern user interface for a web application, resulting in improved accessibility and user experience.
- Utilized client-side caching to reduce the amount of data requested from the server and improve user experience.
- Involved in code reviews, unit/functional test case reviews, and refactoring. Used Jest for mocking functions and writing unit tests for testing component coverage reports.
- Worked on ES6 features for handling asynchronous data requests, Deep functional knowledge in building reusable components and libraries for future use and have a Good Understanding of the Document Object Model (DOM).
- Oversaw all Agile methodologies and ceremonies - sprint planning, backlog refinement. Used Jira for user story tracking processes and streamlining agile planning.

Skills

React • JavaScript • ES6 • TypeScript • Redux • HTML • CSS • Tailwind • Node.js •MongoDB • Jest • Webpack • Parcel • Git • GitHub • Bitbucket • Jest • Webpack •AWS • Jira • Confluence • Firebase.

Education

SEPTEMBER 2021 – APRIL 2023
Master of Applied Computing (Co-op)/Wilfrid Laurier University, Waterloo, ON

2014-2018
Computer Science of Engineering/Gitam University, Vizag

Projects

YouTube App (React, Redux, Router, Debouncing)

- Developed a YouTube app in React using the YouTube API, resulting in a user-friendly interface for searching and viewing videos.
- Utilized React hooks to manage state and update the UI in response to user input.
- Implemented features such as Debouncing, caching, and Polling to allow users to easily find Search suggestions using search suggestion API and find videos.
- Utilized React Router to handle navigation between pages and allow users to easily share links to specific videos.
- Utilized Tailwind CSS to create a responsive, modern user interface for a web application, resulting in improved accessibility and user experience.

Fish Online App (React, Redux, Router)

- Designed and implemented a Fish online Ordering app in React, resulting in a seamless and user-friendly experience for customers.
- Utilized Redux to manage state and update the UI in response to user input, resulting in improved performance and reduced bugs.
- Integrated with third-party APIs such as tender cuts.
- Designed and implemented a responsive UI using CSS and Tailwind, resulting in a consistent experience across devices and screen sizes.
- Implemented features such as search, filtering, and sorting to allow customers to easily find and order their desired fish products.
- Utilized React Router to handle navigation between pages and allow customers to easily return to previous pages or complete multiple orders.