Mounika

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Summary

UI Developer with 8 years of experience in designing and developing responsive, high-performance user interfaces. Leverages modern web technologies including **HTML, CSS, JavaScript, React.js, Angular, and Adobe Experience Manager (AEM)**, **Power BI** along with a strong foundation in **Java, Spring Boot, Python and SQL databases**. Extensive experience with **Cypress** for writing automated tests, ensuring high-quality UI functionality. Experienced in the **Software Development Life Cycle (SDLC)**, ensuring efficient and maintainable code delivery. Proficient in **Responsive Web Design (RWD)** to create adaptive and accessible web experiences. Experienced in backend development using **Node.js** and **TypeScript**, building scalable RESTful APIs and microservices in cloud-native environments with AWS .Skilled in **unit testing** using **Jest** for **React/React Native** applications and **end-to-end (E2E) testing** with **Protractor** for **Angular** applications. Strong advocate for **Web Accessibility (WCAG 2.2)** and **inclusive design**. Experienced in **React-AEM integration**, **AEM Content Services (JSON APIs)**, and **custom AEM components**. Hands-on experience with **Docker**, **Kubernetes**, and cloud-native deployments. Quick learner, adaptable, and a collaborative team player with hands-on experience in **Scrum and Agile workflows**.

Skills

UI Development

- **Languages**: HTML5, CSS3, JavaScript (ES6), TypeScript

- **Frameworks/Libraries**: React.js, Node.js, Angular, Redux, RxJS, NgRx, Alpine.js, Flutter

- **Responsive Web Design (RWD)**: Expertise in building adaptive and mobile-friendly UIs

- **Styling**: SASS, Bootstrap, Material-UI

- **Web Accessibility**: WCAG 2.2 compliance

- **Cross-browser Compatibility**: Ensured functionality across Chrome, Firefox, Safari, Edge

Backend Development

- **Languages**: Java, Python, Spring Boot

- **Databases**: SQL, Oracle Database ,MongoDB

- **API Development**: RESTful APIs

Adobe Experience Manager (AEM)

- Experienced with Adobe CRXDE, Apache Sling, and OSGI
- Developed and customized AEM components, templates, workflows, and services using Java, HTL (Sightly), and JCR
- Integrated **AEM Content Services (JSON APIs)** for dynamic content rendering and seamless React-AEM integration
- Optimized **AEM applications** for performance, scalability, and reliability

Testing

- **Unit Testing**: Jest (React/React Native), Jasmine & Karma (Angular), React Testing Library

- **E2E Testing**: Protractor, Cypress (strong hands-on experience for automated UI testing)

- **Testing Focus**: Writing Unit Tests with Jest for React apps

Deployment & DevOps

- **Containerization & Orchestration**: Docker, Kubernetes

- **CI/CD Pipelines**: Jenkins, GitLab CI, CircleCI

- **Web Application Deployment**: Automated and containerized deployment pipelines for web and mobile apps

Agile & Collaboration

- **Development Methodologies**: SDLC, Scrum Process

- **Agile Practices**: Sprint Planning, Daily Standups, Retrospectives

- **Tools**: Git, Jira, Webpack, Figma, Adobe XD, Sketch, Zeplie

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Experience

Senior UI Developer at American Express

Duration: Feb 2023 – Present

- Developed dynamic user interfaces using React.js 16.8, Flutter, and Alpine.js, ensuring responsive, maintainable, and scalable applications.

- Integrated Python-based server-side logic with React front-end components to enhance user interactions and API services.

- Ensured WCAG 2.2 web accessibility compliance, cross-browser compatibility, and adherence to modern UX/UI standards for inclusive, consistent user experiences.

- Integrated React with AEM (Adobe Experience Manager) to build content-driven web applications by consuming AEM Content Services (JSON APIs) and rendering dynamic content using Sling Models.

- Enhanced content management capabilities with reusable and author-friendly AEM components.

- Implemented client-side caching, lazy loading, and performance optimization strategies for AEM-based applications.

- Wrote automated tests using Cypress to ensure seamless, high-quality user experiences and functionality across multiple browsers.

- Actively participated in Agile Scrum ceremonies and collaborated with cross-functional teams to deliver efficient, timely technical solutions.

- Managed CI/CD pipelines, deployed applications using Docker & Kubernetes, and maintained scalable microservices for consistent delivery across environments.

Senior UI Developer at AT&T

Duration: Jul 2021 – Jan 2023

- Developed dynamic and responsive UIs using Angular 8+, TypeScript, RxJS, and NgRx for efficient state management, enhancing scalability and maintainability.

- Consumed RESTful APIs using HttpClientModule for real-time data rendering and seamless user experiences.

- Implemented Cypress for E2E testing and improved test coverage to maintain a robust codebase.

- Integrated Java-based backend services with frontend applications for seamless API communication and real-time data rendering.

- Developed AEM templates and services using Java, HTL (Sightly), and JCR, enabling streamlined content management.

- Migrated legacy AngularJS components to modern Angular, improving maintainability and performance.

- Ensured WCAG 2.1 compliance, implemented Responsive Web Design (RWD), and improved the user experience across various devices.

Node.js Developer at Nextiva

Duration: Nov 2019 – Jun 2021

- Developed UI components addressing cross-browser issues using AngularJS, Node.js, and Alpine.js for performance-critical frontend behavior

- Built scalable Node.js applications with secure AWS Cognito authentication and implemented modular microservices.

- Used Azure services (ADF, Databricks, Cognitive Services) and AWS Lambda for cloud-native features.

- Employed Protractor, Jest, TypeORM, PostgreSQL, and advanced TypeScript features for testing and backend development.

- Automated tests using Protractor and Jest, ensuring the functionality and reliability of Node.js and React applications.

- Led DevOps tasks using Git, Docker, Kubernetes, and Apache Camel.

- Built scalable Node.js applications with integrated frontend elements. Designed secure authentication flows using AWS Cognito and implemented microservices using Node.js.

Front-End Developer at Access Info (India)

Duration: Sep 2017 – Apr 2019

- Developed responsive applications using TypeScript, Angular 8+, and RxJS. Used Alpine.js for lightweight interactivity on select components.

- Integrated AWS services like Lambda, API Gateway, S3, and Cognito for secure, serverless app development.

- Utilized Azure cloud features like Application Gateway, Logic Apps, and Event Hubs for cloud-based integration.

- Ensured Responsive Web Design (RWD) with device compatibility in Angular apps.

- Built Spring Boot microservices handling complex Oracle Apex database logic, integrated GraphQL APIs, and optimized PostgreSQL with Kafka streaming.

Front-End Developer at Vignan Soft Tech (India)

Duration: Jul 2016 – Aug 2017

- Created web apps using HTML, CSS3, AngularJS, Node.js, and JSP, and added Alpine.js-based micro-interactions for UI feedback.

- Designed cross-browser UIs and managed backend logic with Spring Boot and REST APIs.

- Built reusable UI components and form validations using AngularJS and Alpine.js for performance-critical interactions.

- Leveraged Azure services like Front Door, Data Lake Analytics, and Bastion.

- Built AWS Lambda functions and used various AWS services for serverless architectures.

- Developed responsive interfaces using RWD principles across platforms.

- Created real-time updates and push notifications in React Native; implemented unit tests with Jest and integrated CI/CD workflows.

Education

Bachelor of Engineering (B.E.) in Electronics and Communication Engineering, Kalasalingam University, 2016.