

ANUBHUTI SINHA
FRONT END ENGINEER

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PROFESSIONAL SUMMARY

- Experienced Software Engineer with 3+ years of experience and a strong background in both frontend and backend development, specializing in creating scalable and user-friendly web applications. Proficient in React.js, Java, and AWS, with notable achievements in migrating applications to modern frameworks and improving system performance. Recognized for effective collaboration in Agile environments, aiming to leverage technical expertise to deliver innovative software solutions.

PROFESSIONAL WORK EXPERIENCE

FRONTEND ENGINEER– KAISER PERMANENTE

July 2024 - Present

- Developed** a responsive, user-friendly UI for the Referral Management System using React, HTML, and CSS, enhancing user centric functionality to boost adoption among internal teams.
- Effectively applied** functional programming principles in JavaScript and React, utilizing pure functions, immutability, and higher-order functions to develop reusable components that significantly enhanced code readability and minimized technical debt.
- Utilized CSS preprocessors** such as SASS and LESS to create modular, maintainable, and reusable stylesheets, improving development efficiency and code organization.
- Implemented** a Spring Boot and MongoDB-powered microservices backend, achieving a 30% reduction in data retrieval times and ensuring secure transactions through OAuth2 authentication.
- Efficiently handled** 5000 daily API integration calls using RESTful APIs with React hooks and Redux for state management, utilizing ES6+ features for dynamic data fetching, ensuring optimal performance in high traffic conditions.
- Achieved a 25% reduction** in production bugs by implementing comprehensive unit and integration test suites using Jest and Enzyme, and optimized build processes through efficient dependency management with NPM and Yarn.
- Improved** frontend performance using lazy loading, React. Memo, and use Callback with JSX syntax. This reduced page load times from 5 to under 3 seconds, enhancing user experience and retention.
- Configured** Webpack for efficient asset bundling and code splitting, optimizing application performance and ensuring seamless cross-browser compatibility by addressing inconsistencies in rendering and functionality across major browsers.
- Deployed** UI and backend services on AWS with Docker and Kubernetes, achieving 99.9% uptime through fault tolerance, scalability, and continuous delivery, ensuring high availability across environments.

SOFTWARE ENGINEER – WELLS FARGO

July 2019 - July 2022

- Migrated** 12 business applications from AngularJS to Angular 9, revamping 90% of the code for enhanced front-end architecture that boosted application performance and user experience by 40%, earning the Champions Award for excellence.
- Migrated** backend systems to Java 9 and Spring Boot, ensuring seamless integration with the new frontend, which reduced application response times by 35% and improved scalability.
- Deployed** applications to Pivotal Cloud Foundry (PCF), enhancing scalability and achieving 99.95% uptime for critical business services by leveraging cloud-native features and high availability setups.
- Implemented (CI/CD)** continuous integration and deployment pipelines using Jenkins, improving the team's release cycle by 20%, ensuring faster and more frequent releases.
- Achieved a 20% improvement** in page load times and user experience by utilizing Chrome DevTools to identify performance bottlenecks, optimize rendering, and resolve browser-specific issues.
- Utilized** tools like **SonarQube** and **Selenium** for code quality and automated testing, achieving a **25% reduction in production bugs** through rigorous testing and code review processes.
- Monitored** application performance using **AppDynamics** and **Splunk** for real-time log analysis, identifying bottlenecks and improving system stability by **15%**.
- Collaborated** with cross-functional teams in Agile sprints, optimizing development cycles and improving delivery timelines. Recognized as Agile Team of the Year for successful project delivery.
- Maintained** version control with **Git** and utilized **IntelliJ** for efficient code management, ensuring a smooth collaboration process across multiple teams.

INTERN - WELLS FARGO

Jan 2019 - June 2019

- Developed** a **JavaScript-based Data Insight Dashboard** for business analysts using **D3.js** and **Chart.js**, enabling real-time data visualization and interactive KPI monitoring, improving decision-making efficiency by **30%**.
- Enhanced** data querying functionality by incorporating **advanced filtering** and **search capabilities** using **JavaScript** and **AJAX**, reducing data retrieval times by **25%** and improving the accuracy of data insights for business analysts.

- **Utilized** unit testing as a crucial part of the development process, improving product quality and reducing debugging time.

TECHNICAL SKILL SET

Programming:	JavaScript, Java 17, SQL, TypeScript, Node.JS, GraphQL, ES6+, JSX, SASS, Tailwind CSS, SASS
Frameworks:	Spring Boot, Angular 9, Next JS, Hibernate, Spring MVC
Database:	PostgreSQL, MongoDB, MySQL
Web Technologies:	React, HTML, CSS, Redux, Bootstrap, DOM Manipulation, Webpack, D3.js, Chart.js, Drupal
Cloud:	AWS, Pivotal Cloud Foundry (PCF)
J2EE Technologies:	JDBC, JSP, Servlets, JSON, Microservices, Multithreading, Java Networking
Development Tools:	Jenkins, Git, IntelliJ, Eclipse, Maven, Gradle
Testing and QA:	Junit, Cucumber, Selenium, Jest, SonarQube
Monitoring:	Splunk, AppDynamics
Servers:	Apache Tomcat, Web Sphere, JBoss
Methodology:	Agile, Software Development Lifecycle (SDLC)
Tools:	JIRA, GitHub, SEO, MS Office, Postman, OAuth2
Operating Systems:	Unix, Linux, macOS, Windows

EDUCATION

THE UNIVERSITY OF TEXAS AT DALLAS – Graduate with Distinction	Grade – 3.86
MASTER OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT	Aug 2022 - Jun 2024
COURSES: User Centric Web Development, Data Management, Cloud Computing	
VELLORE INSTITUTE OF TECHNOLOGY	Grade - 3.46
BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE ENGINEERING	Jul 2015 - Sept 2019
COURSES: Cloud, Java, Data Structures and Algorithm, Web Technologies	

PORTFOLIO

Ecommerce Website Backend – Java 17, Spring Boot

- **Developed a robust e-commerce backend using Java 17, Spring Boot, and SQL Server**, implementing key functionalities like product management, user authentication, and order processing with RESTful APIs. Utilized **Lombok** for streamlined code, achieving a 30% improvement in code maintainability, and ensured comprehensive API documentation with **Swagger**.
- **Designed and tested over 15+ backend endpoints** using **Postman**, ensuring seamless functionality and performance. Leveraged **Spring Data JPA** for efficient SQL Server database operations, and implemented **JWT-based security** for user authentication, creating a scalable and secure backend architecture.

Popcorn and Chill – React, HTML, CSS

[Link](#)

- **Engineered** a dynamic movie management application utilizing **React** and the **OMDB API**, empowering users to effortlessly search for films, create personalized watchlists, and rate movies.
- **Designed** and implemented reusable React components and custom hooks like **useState**, **useEffect**, and **useContext** to manage state and side effects, enhancing code maintainability and delivering a responsive, user-friendly interface that significantly improves the overall user experience.

Mini Splitwise Application – React JavaScript HTML CSS

[Link](#)

- **Developed** a mini Splitwise application using React, focusing on state management with the **useState** hook and implementing controlled components for input fields to enhance user interactions and data integrity.
- **Created** reusable shared components for UI buttons across various screens and deployed the application on Netlify, optimizing **for scalability and performance**.

CERTIFICATION

- **AWS Cloud Practitioner** – Validation Number: **DZ659T1KW14QQDGQ**