SUJITH VEDUNURI

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**PROFESSIONAL SUMMARY**

Self-motivated full-stack developer with 3+ years of experience in SAAP and the Business Process Development industry, part of a team under the supervision of the founder, determined to develop a product for Ninja Van using Go, Typescript, node.js, Next.js, React, docker, and MongoDB to build project management solutions to increase productivity.

**PROFESSIONAL EXPERIENCE**

**Full Stack Developer (Contract), Southwest Airlines, Love Field, TX, USA Feb 2023 - Present**

* Played on a vital role throughout the project’s development phases as a solo contributor within an Agile setting.
* Spearheaded the migration of an outdated application from Struts to Spring MVC Framework, seamlessly integrating it with
* Hibernate; Bolstered application scalability by 50% and reduced development time by 30%.
* Automated extraction processes for various data formats using Cron jobs in shell scripting, reducing manual workload by 20%.
* Implemented Singleton & Builder design patterns to ensure the utilization of single instances and maintain modular code.
* Authored Integration & Unit test cases to ensure the isolation of functions, enhancing readability, and maintaining failsafe code
* across the CI/CD pipeline.
* Streamlined a full-stack web application using React, PostgreSQL and Docker to analyze GitHub data.

**Software Engineer, Templars Technologies (Startup), Hyderabad, India Mar 2021 - Jul 2022**

* Created a PostgreSQL-backed data lake by crafting data ingestion pipelines that seamlessly integrated information from diverse

business and productivity sources.

* Established essential business tools like Jira and Confluence, implementing webhooks to streamline the process of retrieving data from these sources as part of platform integration development.
* Took the initiative and spearheaded a crucial role in integrating with Airbyte.
* Implemented Redis queues, utilizing a self-consuming Redis queue to efficiently manage data consumption from connectors and
* deliver it to the backend service.
* Developed and managed a robust GraphQL schema using Hasura, enabling direct execution of REST operations on the database.

improved backend response time by 30% and reduced manual query handling by 50%.

* Orchestrated the setup of GraphQL relationships between tables, optimizing data integrity and implementing role-based access

controls; enhanced data security and efficiency, reducing query response times by 40%.

**Associate Software Engineer, Templars Technologies (Startup), Hyderabad, India Dec 2020 - Mar 2021**

* Developed REST APIs for efficient frontend data access.
* Deployed single sign-on functionality for authorization and authentication by implementing Auth0.
* Employed React Context to effectively manage state across the entire application.
* Designed and optimized webpages in Figma, enhancing user engagement metrics and reducing bounce rate by 15%.

**Mobile App Developer Intern, Roboslog, Delhi, India Sep 2020 - Nov 2020**

* Engineered a responsive mobile application using Flutter and Dart, ensuring a seamless user experience across various devices.
* Utilized Material Design principles to create an intuitive and visually appealing user interface.
* Engineered a robust logging mechanism to filter and send logs to the backend server for enhanced monitoring and debugging.
* Collaborated effectively with cross-functional teams, achieving a 90% responsiveness rate in the final application.

**TECHNICAL SKILLS**

**Programming Languages/ Databases**: Go, Python, C/C++, Java, JavaScript, Typescript, SQL (Postgres, MySQL), Redis, MongoDB

**Developer Tools:** Docker, VS Code, AWS (EC2, S3, CDNs, LB, EKS), Azure.

**Frameworks/Libraries**: Angular.js, React.js, Node.js, Express.js, Next.js, Material-UI, Redux, Recoil, Spring boot, Pandas, NumPy, Gin, Axios, JWT, Socket.io.

**Web Tools and Technologies**: HTML, CSS, AJAX, Bootstrap, jQuery, GraphQL, Tailwind CSS, Next Auth, REST APIs, Message queues, PubSubs, Load balancers, Kafka, Rate limiting, Resiliency, WebSocket’s.

**DevOps/ Testing Tools**: CI/CD, Docker, Nginx, Serverless, JUnit, Mockito, Prometheus, Grafana, Git, Bitbucket, Terraform, Kubernetes

**EDUCATION**

**University of Cincinnati, Cincinnati OH, USA Aug 2022 - Dec 2023**

Master of Science in Information Technology (Major: Advance Storage Technologies) GPA: 3.94/4.00

**B V Raju Institute of Technology, Medak, India May 2018 - Jun 2022**

Bachelor of Technology (Major: Computer Science and Engineering) GPA: 3.68/4.00

**PROJECT EXPERIENCE**

**YouTube Lite Nov 2020 - Dec 2020**

* Developed a responsive and interactive user interface for the YouTube main page, incorporating the YouTube Shorts feature
* Implemented the main page layout, including video listings, sidebars, and navigation menus.
* Added a dedicated section for YouTube Shorts, allowing users to view short-form videos in a vertical scroll format. Used mock data to simulate video content and user interactions.
* Utilized Recoil for efficient state management, ensuring smooth and reactive UI updates. Deployed the application on Vercel, enabling easy access and sharing of the project.
* Technologies Used: React, Recoil, GitHub, Vercel.