Anudeep Thummalapalli

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SUMMARY:

Senior Software Engineer (7+ years). Expertise in the full enterprise lifecycle: **Synthesizing** business requirements, **architecting** scalable solutions, **engineering** robust code, and **governing** secure deployment/maintenance on the cloud. Focused on delivering scalability, high-performance, reliable web applications.

TECHNICAL SKILLS

Front-End: HTML5, CSS3/SCSS, JavaScript (ES6+), TypeScript, Angular, Next.js, React.js

Back-End & Middleware: Node.js , Express.js, GraphQL, Microservices, REST APIs, Python, Headless CMS (Agility CMS),

Database: PostgreSQL, Oracle, GCP BigQuery, Cassandra, MySQL, Redis, ElasticSearch

Tools: WSO2, GCP Storage, Cloud Run, Docker, CI/CD Pipelines, Observability & Monitoring, SSR, GitHub.

PROFESSIONAL EXPERIENCE

Senior Software Engineer | C&S Wholesale Grocers   Edison, NJ   March 2023 – Present

- **Conceptualized** & **led** the development of the entire multi-tenant **B2B E-commerce platform,** driving a **90% performance boost** and validating resilience by **stress testing bulk imports (60K+ assignments).**
- **Engineered** an end-to-end security framework, utilizing **WSO2** as the Identity Provider and **Angular Auth Guards** to enforce granular Role-Based Access Control (RBAC) and strict tenant isolation**.**
- **Pioneered** a dynamic website builder using **Next.js**, leveraging **Tanstack Query** and **Store** for an aggressive **zero-cache strategy** to ensure **real-time content synchronization** from **Agility CMS**. Hosted via **Google Cloud Run**, proactively **remediating** GCP-reported vulnerabilities to maintain a secure, hardened **Docker** environment.
- As Key Contributor for Warehouse Operations, **standardized** development practices by developing reusable **GitHub packages** (multi-database connectivity) and a shared **React UI Library** (Storybook), delivering reliable full-stack solutions (**React/Node.js**) secured by **Jest** testing, reducing **cross-team development** overhead.
- **Partnered** across UX, QA, and Architecture teams to **synthesize** product requirements into precise technical specifications, ensuring robust solution delivery.
- **Automated** robust CI/CD pipelines and **instituted** code governance, mandating comprehensive unit and E2E testing for reliable delivery.

Senior Software Engineer | Arkatiss LLP   Hyderabad, India   Apr 2022 – Mar 2023

- **Architected** and **implemented Data Pipeline (ETL)** projects to fully automate data processing, **validating performance** by successfully **stress-testing 100K records** in a single load.
- **Developed** and **maintained** scalable **RESTful APIs** using **Node.js** and **Express.js**, ensuring seamless integration for large-scale data processing.
- **Maintained** high code quality by **participating in code reviews** and worked with the **DevOps team** to **manage version deployments**.
- Partnered with **cross-functional teams (UX, QA, DevOps)** to align technical efforts, **catalyzing** product innovation and maintaining a rigorous delivery schedule.

Software Engineer | Arkatiss LLP   Hyderabad, India   Aug 2020 – Mar 2022

- Built highly performant **React Single Page Applications (SPAs)**, guaranteeing code quality with **30+ unit test cases** and clear documentation via **JsDocs**, while adhering to modern **SCSS** and responsive design principles.
- Designed and developed **intuitive analytical dashboards**, utilizing **Chart.js** to provide real-time visualization of **Bot Analytics** data, enabling operational insights.

Software Engineer | SB Technology Services Pvt. Ltd.   Hyderabad, India   Feb 2018 – July 2020

- Developed **HTML Responsive web design** in **Angular**, adhering to clean code principles and efficient structuring for consistent application reliability.
- Integrated **RESTful APIs** and **validated** data reliability and adherence to technical specifications using **Postman**.
- **Managed** efficient development workflows and source control governance utilizing **GitHub** and **SVN**.

EDUCATION

St. Mary's Group of Institutions, Bachelor of Technology (E.C.E),   **2014 – 2017**