Vishnuraj P.S.

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SUMMARY

- Experienced Software Engineer with over **5+ years of expertise** in **Back-End** and **Front-End** Development.

- Recognized with the "**Gem of the month**" twice for **innovative implementation** in the resulted in a **reduction of DB load** by up to 30%.

- Skilled in modern programming languages such as **JavaScript**, **Java**, **Node.js**, and **TypeScript**, and Proficient in popular frameworks like **Express.js, Vue.js** and **Angular** and Proficient in **MySQL** and **MongoDB**.

- Familiar with cutting-edge technologies like **WebSocket**, **HTTP** (**REST** and **Graphql**), **Web components**, **Module Federation.**

- Experienced in using **AWS** (S3, SNS, SQS), **Micro Front-End Architecture**, **Data Structures**, **Design Patterns**, **SCSS** and modern tools like **Git**, **JIRA**, **Datadog**, **Kibana** and **Postman**.

- Accomplished in designing, building, and overseeing complex, **high-traffic applications**, prioritizing **low latency** and **scalability** for optimal user experiences.

SKILLS

Back-End Technology

- AWS (S3, SNS, and SQS)	- MongoDB
- Java 8 (Core and Advanced)	- RDBMS (Postgres, MySQL)
- Node.js (Typescript, JS, OOPS)	- Express.js
- WebSocket (Socket.io)	- Java Servlet
- J2EE	- APIs (REST, Graphql)
- Caching (Redis and Key-DB)	- RabbitMQ

Front-End Technology

- HTML, CSS, and SCSS
- JavaScript
- jQuery
- Lodash
- Micro Front-End
- Module federation
- Vue and Angular (V8)
- Web Components

Concepts

- Data Structures
- Design Patterns
- Docker
- Distributed System
- Test-Driven Development
- SDLC (Agile)
- Jenkins
- Scaling Concepts
- Multithreading
- OOPS Concepts
- Unit-Testing
- WebSocket

Software

- Tools: Bugzilla, Git, JIRA, Postman, Kibana, Datadog, Grafana, Elastic Search, KeyDB, Redis, RabbitMQ.
- Web Servers: Apache, Apache Tomcat, Express.js, Node.js.

Soft Skills

- Adaptability
- Attention to detail
- Communication
- Flexibility
- Mentoring
- Problem-solving
- Performance Improvement
- Teamwork
- Technical Leadership
- Time Management
- Willingness to learn
- Work ethic

EXPERIENCE

Senior Engineer - Product and Platform Engineering, Altimetrik, Chennai. Client: Samsung	07/2023 – Present

Projects:

- **Samsung eCommerce:** As a vital member of the **Samsung eCommerce project**, I contributed to the **backend infrastructure**, **collaborating with skilled developers** and **cross-functional teams**. Leveraging **Node.js**, **Express**, **KeyDB**, **Postgres** and other **cutting-edge technologies**. I ensured a seamless shopping experience, positively impacting millions of Samsung customers.

Achievements in Altimetrik and Samsung:

- **Optimized the APIs** and significantly **improved the overall performance** for the Samsung Product Launch, resulting in a smoother user experience and higher customer satisfaction.

Associate Consultant, Intellect Design Arena, Chennai.	04/2021 – 07/2023

Projects:

- **IDXP-UI-LIBRARY:** Developed a centralized **UI component library** that allowed developers to reuse components, styles, and features to build screens 40% faster. Focused on **easy integration** through an **NPM package** and **single-point updates** across multiple applications.

- **Magic Platform**: Worked as a **Front-End developer** using the **Vue framework** to design complex, reusable components and libraries with micro front-end architecture for an AI-based platform hosting a library of pre-trained AI models.

- **Magic Submission**: Developed a **Vue.js** application using **JavaScript**, **Socket.IO**, and **MongoDB**, with **Micro Front-End Architecture** for an AI product that extracts and displays content from various sources, enriches data, and indicates risk information. Worked as the primary **Node.js** resource.

Achievements in Intellect Design Arena:

- Implemented a Notification module using **WebSocket**, resulting in a **30% reduction in DB load** and instant updates in the UI. Awarded "**GEM of the Month**".

- implementing a **comprehensive**, **document-level view with AG-Grid** Integration for optimize UI performance. Awarded "**GEM of the Month**".

- Designed and developed a **Centralized UI component library** that helped developers build new screens **40% faster**.

- Created a **No-code solution** for complex modules, allowing users to easily create and modify screen components.

- Re-architected the UI from a monolithic to a **Micro Front-end Architecture**.

- Introduced, rebuilt, and engineered products using Micro Front-End for lightweight, Cross-Framework, and **Fast Loading** as a part of **Performance Improvement**.

- Migrated the UI from **Kubernetes** to **S3** for cost-efficiency, high availability, and faster deployment.

- Implemented **REST** and **GraphQL** APIs to query complex data from a single response and reduce the number of API calls.

- Adopted **Test-Driven Development** and transitioned from manual to **Automated Unit Testing** to improve product quality.

- Worked with **Agile Methodologies** and tools such as **Jira** and **Confluence**.

- Developed complex, reusable screens that rendered, highlighted, and annotated images and HTML content using **Fabric.js (canvas).**

Software Engineer,	
GoDB Tech Pvt Ltd, Chennai.	05/2018 – 04/2021

Projects:

- **Event Manager**: Developed an event scheduling system for managing meetings and travel arrangements for attendees. Utilized **JavaScript**, **jQuery**, and **Java Servlet** as a **Full stack developer**.

- **TAGIC E-Marine**: Worked as a **back-end developer** using **Node.js** to develop a marine insurance platform that provides quotes, proposals, payment, policy, endorsement, and renewal services. Also guided the front-end team using **Angular** (V9).

- **TAGIC Non-Rater**: Developed an insurance platform that provides quotes, proposals, payment, and policy services, with special features such as UW referral and UW escalation matrix. Utilized Angular (V9), **Node.js**, and Java as a **full-stack developer.**

Achievements in GoDB:

- **Trained 2-4 new graduates** for a project and provided **Technical Mentorship** to 7 team members.

- Demonstrated strong skills as a proactive front-end developer and self-taught **back-end developer**, working with technologies such as **Angular**, **TypeScript**, **JavaScript**, **jQuery**, **Java Servlet**, **J2EE**, and **Node.js**.

- Developed complex applications using **Design Patterns** and applied **Monolithic** and **Microservice Architectures**.

- Built Event management and Marine insurance systems.

- **Collaborated with Testing Team, Business Analyst, DevOps team,** and **Clients** to resolve development complexity and deliver high-quality products.

- Applied **Agile methodologies** and maintain records of work progress

EDUCATION

Sona College of Technology

Salem, Tamil Nadu   07/2015 - 04/2018

- B.E – Computer Science and Engineering (*CGPA 7.2*).

Thiagarajar Polytechnic College

Salem, Tamil Nadu   07/2012 - 03/2015

- Diploma in Computer Engineering (*CGPA 7.7*).

Bharathi Vidyalaya Higher Secondary School

Salem, Tamil Nadu   2012

- SSLC (*70.1%*).

DECLARATION

I assure you that the information mentioned above is correct to the best of my knowledge and belief.