

Vishnuraj P.S.

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SUMMARY

Driven and innovative **Software Engineer** with 7+ years of experience in developing **cutting-edge SaaS** web applications. Proficient in both **back-end** and **front-end** technologies, including **Node.js**, **Java**, **Vue.js**, and **Angular**. Skilled in **agile methodologies**, clean **code practices**, and fostering **team collaboration**. Recognized for exceeding expectations and delivering impactful solutions. Seeking opportunities to leverage expertise in software development to drive business growth and innovation.

SKILLS

Technical Skills

- **Back-End Development:** Node.js, Java 8, Express.js, Hapi, APIs, AWS, MongoDB, PostgreSQL, RabbitMQ, Kafka, KeyDB, Microservices, APIs (Rest, GraphQL, Event-Driven)
- **Front-End Development:** Vue.js, Angular, HTML/CSS, JavaScript, jQuery, Web Components, Micro Front-End Architecture
- **Concepts:** Design Patterns, Data Structures, Scalability, Test-Driven Development, Agile Methodologies, CI/CD Pipelines, SaaS, Distributed Systems
- **Tools:** Git, JIRA, Postman, Kibana, Datadog, Docker.

Soft Skills

- Excellent communication
- Teamwork and leadership
- Problem-solving and adaptability
- Time management and mentoring
- Willingness to learn
- Critical Thinking
- Collaboration

EXPERIENCE

Development Engineer 3, Comcast India Engineering Center, Chennai.

07/2024 – Present

- Engineered **orchestration, configuration, and content feed tools** for **linear channels**, optimizing end-to-end content delivery pipelines and automating critical **broadcast workflows**
- Delivered scalable, globally distributed features—including **Chile Open** and **ATP/WTB Sports**—integrating **dynamic reporting** and **DRM systems** to enhance platform robustness and meet stringent **SLAs under tight deadlines**
- Architected **cost-effective, revenue-optimized** streaming workflows and **SCTE-35 ad insertion pipelines**, reducing infrastructure spend by 30%, increasing ad monetization by 20%, and **boosting UI** performance metrics by 50%
- Led **production support** efforts and **cross-functional collaboration** to resolve **high-priority system issues** and drive integration of core platform components, **ensuring stability** and **continuity** across critical services
- Mentored **interns and junior** engineers, fostering a culture of learning and **collaboration** while supporting **team growth** and **technical development**
- Strengthened technical depth through certifications in Node.js **Design Patterns**, **Microservices** and **Apache Kafka**, applying knowledge to enhance service architecture and delivery impact

Senior Software Engineer, Samsung Electronics America, Chennai. Payroll: Altimetrik india pvt ltd

07/2023 – 05/2024

- Enhanced system efficiency and performance:
 - Optimized KeyDB **cache invalidation**, leading to a significant **CPU improvement** resulting in a 20%.
 - Achieved a **20% boost in response time**, **25% decrease in latency** and a **15% improvement** in customer satisfaction by optimizing Samsung eCommerce APIs.
- Increased scalability and responsiveness:
 - Led the development of Edge caching using **Akamai** and **Node.js**, achieving a **30% faster response time** and **70% resource optimization**.
- Improved development practices:
 - **Mentored developers** on best practices and conducted regular **code reviews**.
 - Provided **production support**, maintaining a **99.9% uptime** for critical systems.

Associate Consultant, Intellect Design Arena, Chennai.

04/2021 – 07/2023

- Received "**GEM of the Month**" award **twice** for innovative solutions:
 - Implemented a **WebSocket notification system**, **reducing DB load by 70%** and enabling **real-time updates**, resulting in a **25% increase in user engagement**.
 - Built a **centralized UI library**, **increasing development speed by 40%** and reducing UI-related bugs.
- Developed a **Micro Front-End** Architecture using **Vue.js**, **enhancing performance** and **scalability**.

Software Engineer, <i>GoDB Tech Pvt Ltd, Chennai.</i>	05/2018 – 04/2021
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- Demonstrated **versatility** and **adaptability** by building full-stack applications using **diverse technologies** (**Angular, TypeScript, Node.js, Java Servlet, J2EE, jQuery**).
 - Developed complex applications using **Design Patterns** and implemented both **Monolithic** and **Microservice Architectures**, showcasing architectural expertise.
 - **Trained** and **mentored** junior developers, fostering a collaborative learning environment and **solidifying leadership**.
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EDUCATION

- **B.E. Computer Science and Engineering**, Sona College of Technology, Salem, Tamil Nadu
- **Diploma in Computer Engineering**, Thiagarajar Polytechnic College, Salem, Tamil Nadu