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# Summary

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| * 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** andProficient 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

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| Back-End Technology | |
| * AWS (S3, SNS, and SQS) * Java 8 (Core and Advanced) * Node.js (Typescript, JS, OOPS) * WebSocket (Socket.io) * J2EE * Caching (Redis and Key-DB) | * MongoDB * RDBMS (Postgres, MySQL) * Express.js * Java Servlet * APIs (REST, Graphql) * RabbitMQ |
| Front-End Technology | |
| * HTML, CSS, and SCSS * JavaScript * jQuery * Lodash | * Micro Front-End * Module federation * Vue and Angular (V8) * Web Components |

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| Concepts | |
| * Data Structures * Design Patterns * Docker * Distributed System * Test-Driven Development * SDLC (Agile) | * Jenkins * Scaling Concepts * Multithreading * OOPS Concepts * Unit-Testing * WebSocket ATS TAGS (Naukri, LinkedIn) : .net, API development, ASP.NET, ASP.NET Core, AWS Lambda, Algorithms, Amazon SQS, Amazon Web Services (AWS), Amazon s3, Amazon simple notification service (SNS), Angular, AngularJS, Apache Kafka, Apollo Graphql, App development, Back-end web development, Backbone.js, Basic coding, Bootstrap, C (programming language), C#, C++, CSS, Cascading style sheets (CSS), Cassandra, Communication, Consulting, Data structures, Debugging, Design patterns, DevOps, Development, Distributed Systems, Django, Docker Products, Elevator Pitches, Engineering, Front-end development, Full-stack development, Git, Google Cloud Platform (GCP), Graphql, Hibernate, Html, Html5, Interactive Web, J2ee, J2ee web services, JSON, Java, Java Database Connectivity (JDBC), JavaScript, JavaScript Frameworks, Java Server Pages (JSP), Jenkins, Jest, Jira, jQuery, Maintainability, Micro frontend, Microservices, Mongo dB, Multithreading, MySQL, Node.js, OOPS), Object-oriented programming (OOP, Performance Improvement, PostgreSQL, Problem Solving, Programming, Programming Languages, Prototyping, Python, Python (programming language), React.js, Redux.js, Representational state transfer (rest), Rest API, SOAP, SQL, Serverless Computing, Software Development, Software design, Software design patterns, Solver, Spring, Spring Boot, Spring Framework, Svelte, Teamwork, Technical Leadership, Test driven development, Time management, Troubleshooting, Typescript, Unit testing, User Experience (UX), User interface design, Vue.js, Web Development, Web Services, Web applications, Web components, WebSocket, Windows, 8,12,18,9, Redis, key dB, Juno dB, cockroach dB, elastic search, PagerDuty, load balancer, rate limiter, messaging queues, log4j, log4js, task scheduler, Caching, cache, CDN |

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

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

# Experience

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| 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. | |

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| 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. | |

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| 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).** |

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| 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

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| Sona College of Technology Salem, Tamil Nadu   * B.E – Computer Science and Engineering (*CGPA 7.2*). | 07/2015 - 04/2018 |
| Thiagarajar Polytechnic College Salem, Tamil Nadu   * Diploma in Computer Engineering (*CGPA 7.7*). | 07/2012 - 03/2015 |
| **Bharathi Vidyalaya Higher Secondary School**  Salem, Tamil Nadu SSLC (*70.1%*). | 2012 |

# Declaration

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