**Professional Profile**

Software Developer with experience in delivering **critical software solutions**. Proven expertise in **revamping products** to capture **client requirements** and ensuring **timely implementation**. Skilled in architecting **scalable solutions**, **mentoring**, and **fostering collaboration**. Passionate about driving **business growth** through **technology** and delivering exceptional outcomes.

**Key Competencies**

* **Backend Development:** Java, Node.js, Spring Boot, Express.js, AWS Lambda, API Gateway
* **Frontend Development**: React.js, Redux.js, Next.js, Vue.js, JavaScript, TypeScript
* **UI & Performance Optimization**: Responsive design, CSS3 (Tailwind, Bootstrap), Micro Frontends
* **Testing & Automation**: Jest, React Testing Library, Selenium, AWS CI/CD Tools
* **Cloud Infrastructure**: AWS CDK, CloudFormation, DynamoDB, ECS, EventBridge
* **Collaboration & Agile**: Cross-functional teamwork, Agile methodologies (Scrum/Kanban)
* **Code Quality & Best Practices**: ESLint, Prettier, CI/CD, Reusable Component Libraries

**Career History**

**WATERFORD INSULATION**

***IT Lead-Tech & Transformation. [ February 2024 - Present ]***

Waterford Insulation is a leading provider of cavity wall insulation, both internal and external wall insulation, spray foam insulation, attic & acoustic insulation, fire proofing, plumbing, renewable technology services, wall & roof ventilation.

* Transformed the entire business’s chain by implementing a CRM for their new solar venture which resulted in 40% increase in business flow efficiency.
* Developed Single Page UI Components using React.js and TailwindCSS to seamlessly integrate the CRM system with external services such as Fleet Trackers and Fuel Trackers, enhancing operational efficiency and data flow.
* Lead the IT team in delivering required front-end components in the form of widgets using latest frameworks like ReactJS, VueJS.
* Develop project plans with timelines, milestones, budgets, and resource allocation.
* Managed and monitored the project execution according to the plan, ensuring tasks are completed on time and within budget.

***Key Achievement****: Implemented a custom CRM for Waterford Insulation's solar venture, increasing business flow efficiency by 40% and driving operational improvements.*

**ZOHO CORPORATION PRIVATE LIMITED**

***Technical Lead, Zoho CRM [ March 2019 – February 2022 ]***

An on-demand, SaaS-based customer relationship management (CRM) software solution designed to manage sales, marketing, contacts, customer support, and other business functions in a single cohesive platform.

* Worked with stakeholders to understand their IT needs and defined project scope for software implementations.
* Collaborated with supporting third-party and inbuilt applications to Integrate with CRM which increased the number of overall integrated apps by 100% which in turn increased our product’s revenue by 30%.
* Designed and implemented backend services using Java, Spring Boot, integrating caching methodologies (Redis) to optimize performance and reduce latency by 25%.
* Developed custom Node.js applications for premium customers tailor made to suit their business flow.
* Led database design initiatives for CRM modules, ensuring scalability and efficient data retrieval, which improved query response times by 20%.
* Provided my team with a streamlined plan for all requirements gathered from clients to help them in completing the requirements on time and streamlining this increased our accuracy in delivering items by 50%.

***Key achievements:*** *Led the integration of third-party apps with Zoho CRM, doubling integrations and boosting product revenue by 30%, significantly enhancing platform functionality.*

***Member Technical Staff, Zoho Vault [ February 2015 - March 2019 ]***

A SaaS-based online password manager for individuals and teams which stores passwords and other confidential data in a centralized encrypted vault for secure access and management.

* Led the modernization of Zoho Vault's architecture, transitioning from legacy systems to a React and Node.js stack that improved performance by 30% while maintaining robust security standards for password management.
* Designed and implemented critical features like automatic password rotation and form filling, which contributed to a 20% increase in paid subscriptions through improved user experience.
* Consolidated multiple browser extensions into a unified codebase using Node.js, reducing maintenance overhead by 70% through careful architecture design and modular development practices.
* Established comprehensive testing protocols that reduced production issues by 40%, combining unit testing with end-to-end validation of security-critical functionality.
* Mentored junior team members in modern development practices, particularly around building secure, maintainable web applications with React and TypeScript.
* Collaborated with security teams to implement encryption best practices and audit trails, ensuring compliance with enterprise security requirements.

***Key achievements****: Directors of my company recognised my leadership skills and promoted me to work as a* ***Technical Lead*** *for Zoho’s highest revenue generating product Zoho CRM.*

***Engineer Trainee, Manage Engine - Security Manager Plus*   *[ February 2014 - February 2015 ]***

A network security scanner that proactively reports on network vulnerabilities and helps to remediate them and ensure compliance.

* Delivered hot-fixes as and when required.
* Handled mission critical and emergency situations as part of the technical team.

***Key achievements:*** *As a part of recognition for my performance I was promoted to* ***Member Technical Staff*** *position with an opportunity to work for a new product Zoho Vault in the company.*

**Qualifications**

MSc in Cybersecurity, *National College or Ireland [January 2022 – January 2023]*

B.E in Electronics & Communication Engineering, *Anna University [January 2008 – January 2012]*

**Languages**

English [*Proficiency : Fluent*]

Tamil [*Proficiency : Native*]