MARSHAL ASHOKKUMAR KALARIA
Sr. Full Stack Developer
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PROFESSIONAL SUMMARY:

- **Full Stack Developer with over 5+ years of hands-on experience in building scalable, high-performance web applications using Java, Angular, React, JavaScript, and Node.js.**
- **Proficient in developing responsive front-end interfaces, crafting RESTful APIs, and implementing back-end services to support seamless integration.**
- **Skilled in the full Software Development Life Cycle (SDLC) and Agile methodologies, delivering robust solutions that enhance user experience and optimize performance.**
- **Strong foundation in cloud technologies, CI/CD practices, and database management, ensuring reliable and efficient deployments.**
- **Skilled in front-end engineering using Angular (2–17), React.js, Tailwind CSS, Material UI, and Bootstrap to deliver highly interactive, responsive, and user-centric UIs.**
- **Proficient in backend development with Node.js, Express.js, .NET 8/Core, and Java (Spring Boot), implementing RESTful APIs, gRPC, and GraphQL with secure authentication (JWT, OAuth 2.0, Firebase).**
- **Experienced with relational and non-relational databases including MongoDB, SQL Server, PostgreSQL, MySQL, Oracle, Redis, Firebase, ElasticSearch, Cassandra, and Cosmos DB.**
- **Strong background in cloud platforms (AWS, Azure, GCP) with deployments on EC2, S3, RDS, Lambda, Docker, Kubernetes, and Helm, ensuring high availability and fault tolerance.**
- **Hands-on experience in developing** RESTful APIs and microservices **using** Java and Spring Boot**, focusing on modular and scalable application design.**
- **Skilled in** Spring Boot frameworks **(Spring MVC, Spring Data JPA) for building back-end services integrated with relational databases.**

TECHNICAL SKILLS:

Programming Languages	JavaScript, Typescript, HTML5, CSS3, SQL
Front End Framework	Angular 12+, React JS, Bootstrap, Material UI
Back End Technology	Node JS, .NET, Java, Spring Boot, Microservices
Web Technologies	HTML5, CSS3, JavaScript, jQuery, JSON, AJAX, REST APIs, XML, XSD, XSL/XSLT, Typescript, Responsive Web Design (RWD)
Front - End Libraries	Redux, Flux, SASS, LESS, jQuery, Chart JS, D3.JS, RX.JS
Web Servers	Restful API, SOAP
Version Control	Git, GitHub, GitLab, SVN
Databases	MySQL, SQL Server, MongoDB, Postgres DB
IDEs	Visual Studio Code, Sublime Text.
UI/UX Prototyping Tools	FIGMA, Adobe XD
Build & Automation Tools	Jenkins, Azure, CI/CD, AWS (S3, EC2)
Cloud Technologies	AWS (Elastic Search, EC2, S3, EMI, ELB, Dynamo DB), Docker, Azure
Other Tools	MS Visio Professional, JIRA, Postman, Swagger

Education Qualification:

- **Bachelor's Degree in Computer Science from Government Engineering College, INDIA- 2020**

PROFESSIONAL EXPERIENCE:

Client: T & T Consulting   **Jan 2025 – Till Date**
Role: Sr Full Stack Developer
Responsibilities:
- Designed and developed full-stack applications **using** Java (11/17), .NET 8/Core, Node.js, Angular (7–17), ReactJS, TypeScript, and C#**, ensuring responsive, high-performance user experiences and seamless integration with back-end services.**
- Architected and migrated legacy monolithic systems **into** cloud-native microservices **with** Spring Boot, Spring Cloud, .NET Core, and Node.js**, improving scalability, maintainability, and reducing downtime by** 40%**.**
- Built secure, high-performance APIs and services **(RESTful, GraphQL, gRPC) with** Spring Boot, .NET, and Node.js**, leveraging** Spring Security, OAuth 2.0, JWT, and Firebase Authentication **for enterprise-grade security.**

- Optimized data access **with** SQL Server, MySQL, PostgreSQL, MongoDB, DynamoDB, Redis, Hibernate, Spring Data JPA, and ElasticSearch**, reducing query response times by** 40%**.**
- **Developed** event-driven microservices **with** Apache Kafka and RabbitMQ**, enabling asynchronous, high-throughput communication across distributed systems.**
- **Automated** CI/CD pipelines **using** GitHub Actions and Jenkins**, reducing deployment time by** 40%**. Containerized apps with** Docker **and orchestrated via** Kubernetes (EKS/ECS) **for scalable production deployments.**
- **Deployed and managed applications on** AWS (EC2, S3, RDS, Lambda, ECS/EKS, CloudFront, API Gateway) **and** Azure/VMware**, implementing** auto-scaling, load balancing, and monitoring **with** CloudWatch, ELK stack, and Spring Boot Actuator**.**
- Modernized service layers and APIs **to enhance performance, reliability, and maintainability, applying patterns like** circuit breakers (Resilience4j/Hystrix) **and API Gateway routing.**
- **Built** responsive front-end applications **with** React (Hooks, Context API, Redux) and Angular (7–17)**, improving UI performance by** 30% **and creating reusable components for consistency across projects.**
- **Wrote** unit and integration tests **using** Cypress, Jest, React Testing Library, Jasmine, and Karma**, reducing regression defects and improving delivery speed.**
- Collaborated in Agile/Scrum teams**, participating in sprint planning, backlog refinement, and code reviews, ensuring high-quality, on-time delivery.**

Client: UBUNTU   Jan 2023 – Dec 2024
Role: Sr Full Stack Developer
Responsibilities:
- **Coordinated with a** 13-member web development team **to conceptualize and deliver modern, responsive UIs using** HTML5, CSS3, Bootstrap, ReactJS, Angular (7/8/14/17), and TypeScript**.**
- **Built** reusable UI components and libraries **with Angular and React (Hooks, Context API, ESNext), improving performance by** 30% **and accelerating development across multiple projects.**
- **Developed** back-end microservices **with** .NET 8, C#, Java (Spring Boot), and Node.js**, ensuring high availability, scalability, and security.**
- **Migrated** legacy monolithic systems **into** cloud-native microservices **deployed on** AWS (EC2, S3, RDS, Lambda), Azure, and VMware**, reducing downtime and improving scalability.**
- **Implemented** robust automated test frameworks **using** Cypress, Jest, and React Testing Library**, reducing regression defects and boosting development velocity.**
- **Created** TypeScript reusable components and services **to consume REST APIs using Angular's** component-based architecture**.**
- **Designed and enforced** code quality standards **through reviews and best practices for** .NET, Java, Spring Boot, Angular, and Node.js **in Agile/Scrum teams.**

Client: Moltech Solution   Jan 2020 – Dec 2023
Role: Java/.Net Full Stack Developer
Responsibilities:
- **Developed and deployed scalable, cloud-native applications** using **Java (11/17), .NET Core, and Node.js**, implementing **microservices architectures** with **Spring Boot, Spring Cloud, and Docker** to ensure modularity, scalability, and fault tolerance.
- **Designed and secured RESTful and GraphQL APIs** integrated with **React (SPA), Angular (14/17), and mobile clients**, leveraging **Spring Security, OAuth 2.0, JWT, and Firebase Authentication** for compliance and data protection.
- **Migrated legacy monolithic applications** to **.NET Core** and **Spring Boot microservices**, improving performance, maintainability, and scalability by up to **40%**.
- Built **event-driven services** with **Apache Kafka and RabbitMQ**, enabling **high-throughput asynchronous communication** across distributed systems.
- Optimized database performance with **Spring Data JPA, Hibernate, Redis, EHCache, MongoDB, PostgreSQL, and ElasticSearch**, reducing query response times by **40%**.
- Automated **CI/CD pipelines** using **Jenkins and GitHub Actions**, containerized applications with **Docker**, and deployed on **Kubernetes (EKS/ECS)** to achieve reliable, zero-downtime releases.
- Deployed and managed applications on **AWS (EC2, S3, RDS, Lambda, ECS/EKS)** with load balancing, auto-scaling, and service discovery, ensuring **high availability and cost optimization**.
- Refactored and enhanced existing systems using **circuit breaker patterns (Resilience4j/Hystrix)** and **API Gateway routing** with Spring Cloud Gateway for resilience and fault tolerance.
- Wrote **unit and integration tests** with **Jasmine, Karma, and Jest**, ensuring high code quality and reducing regression defects.
- Collaborated in **Agile/Scrum teams**, contributing to sprint planning, code reviews, backlog refinement, and delivering production-ready features consistently.