SAMI ALENAZI

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Full-Stack Software Engineer with 3+ years of experience building scalable enterprise applications across the entire stack. Strong backend expertise in Java/Spring Boot microservices, with proven ability to develop modern frontend interfaces using React and Angular. Demonstrated success in telecommunications, education technology, and government sectors, delivering high-impact solutions from database design to user interfaces. Known for rapid learning, achieving senior-level productivity within 8 months at STC, and leading technical teams through complex digital transformation initiatives.

WORK EXPERIENCE

ELM COMPANY **08/2025 - Present**
Senior Software Engineer **Riyadh, Saudi Arabia**

- Develop and maintain scalable backend applications using Java and Spring Boot to support critical business operations for Saudi Arabia's digital transformation initiatives
- Design and implement cloud-native microservices on OpenShift platform, ensuring high availability, security, and resilience
- Build RESTful APIs and integration services connecting enterprise systems across public and private sectors
- Collaborate with cross-functional teams to integrate advanced technologies into existing infrastructures aligned with Vision 2030
- Optimize application performance and implement caching strategies to handle high-traffic enterprise workloads

TATWEER EDUCATIONAL TECHNOLOGIES (TETCO) **01/2025 - 08/2025**
Full-stack Developer **Riyadh, Saudi Arabia**

- Architected and implemented scalable backend services using ASP.NET Core and Spring Boot for educational technology solutions serving Saudi schools nationwide
- Designed and developed RESTful APIs integrating AI-driven analytics features analyzing student, teacher, and parent data
- Built event-driven architectures for real-time data processing and notifications across educational stakeholders
- Implemented database schemas and optimization strategies improving query performance by 40%
- Integrated third-party educational APIs and enterprise authentication systems (LDAP, SSO)
- Conducted code reviews and mentored junior developers on backend best practices and design patterns

SAUDI DIGITAL LIBRARY (SDL) **12/2023 - 03/2025**
IT Manager & Lead Developer **Riyadh, Saudi Arabia**

- Promoted to IT Manager within 4 months, leading team of 8 developers and system administrators
- Architected and executed microservices migration from monolithic .NET to Laravel-based distributed architecture, improving performance by 35%
- Designed and implemented SAML authentication system enhancing security for 100,000+ users
- Led database architecture redesign across MySQL and PostgreSQL, optimizing schemas and queries resulting in 40% performance improvement
- Developed COUNTER/SUSHI APIs for analytics reporting and third-party integrations
- Established data center infrastructure with CI/CD pipelines, Docker containerization, and automated deployment workflows
- Managed full-stack development across Java (Spring Boot), Python (Django), PHP (Laravel), and .NET environments

SAUDI TELECOM COMPANY (STC) **12/2022 - 02/2024**
Java Software Developer **Riyadh, Saudi Arabia**

- Led development of WSDL Converter tool using Spring Boot and Angular, facilitating XML to JSON migration for enterprise telecommunications systems
- Specialized in B2B billing systems development using Spring Boot microservices, Oracle Database, and RESTful APIs
- Implemented multi-threaded processing for high-volume billing transactions, improving system throughput by 30%
- Developed integration services connecting legacy SOAP-based systems with modern REST APIs
- Designed database schemas and optimized SQL queries for billing domain, reducing processing time by 25%
- Achieved senior-level productivity within 8 months through rapid mastery of complex telecom infrastructure and Spring ecosystem
- Collaborated with enterprise architects to implement scalable microservices patterns and best practices

EDUCATION

Bachelor of Science in Information Technology – Data Science Track (Honors)

King Saud University • GPA: 4.58/5.00 Riyadh • 12/2022

- Sole student to achieve perfect scores in Java Development class
- Member of Distinguished and Talented Students Program
- Specialized in software engineering, databases, and machine learning

SKILLS

Backend Development: Design Patterns: OOP principles, Singleton, Factory, Builder, Strategy, Observer patterns, Java: 3+ years hands-on experience, Multi-threading: Concurrent programming, thread pools, synchronization, Spring Framework: Spring Boot, Spring Cloud (microservices), Spring Data JPA/MyBatis, Spring Security, Spring MVC

Frontend Development: Angular, React, Tailwind, UI Libraries such as Material-UI

Databases & Persistence: Database Design: Schema design, query optimization, indexing strategies, NoSQL: MongoDB, Redis (caching), ORM: Hibernate, JPA, MyBatis, Relational: MySQL, PostgreSQL, Oracle Database

Integration & APIs: Caching: Redis implementation and strategies, External Integrations: LDAP, third-party APIs, enterprise systems, Message Brokers: Kafka (event-driven architecture), REST API Design: RESTful services, OpenAPI/Swagger documentation, SOAP/Web Services: WSDL, SAML authentication

DevOps & Tools: Build Tools: Maven, Gradle, CI/CD: Jenkins, GitLab CI, automated testing pipelines, Containerization: Docker, OpenShift, Testing: JUnit, Mockito, integration testing, Version Control: Git, GitHub, GitLab

Additional Technologies: Backend Frameworks: ASP.NET Core, Django, Laravel, Cloud: AWS, Azure basics, Frontend: React, Angular (for full-stack collaboration), System Administration: Linux, Windows Server

KEY COMPETENCIES: Ability to work independently and collaboratively in agile teams, Arabic: Native, English: Professional fluency (written and verbal), Excellent code review and documentation practices, Experience with distributed systems and microservices architectures, Rapid learning and technology adaptation, Strong problem-solving and analytical skills, Strong understanding of OOP principles and design patterns, Unit and integration testing expertise (TDD approach)