Abdul Samad

Senior Backend Engineer — Full-Stack Developer

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Professional Summary

Versatile Software Developer with over 4 years of experience in building robust, scalable solutions. Expertise spans backend development with Java Spring Boot and Node.js, mobile app development, machine learning, and cloud infrastructure. Proven track record of delivering high-performance applications and leading cross-functional teams in enterprise environments.

Technical Skills

Languages Java, JavaScript, TypeScript, Python, SQL, HTML5, CSS3

Backend Spring Boot, Node.js, Express.js, Hibernate, RESTful APIs, GraphQL, Microservices

Frontend React.js, Next.js, Material UI, Android Native, React Native

Database MySQL, PostgreSQL, MongoDB, Oracle, Redis

Cloud & DevOps AWS, Docker, Kubernetes, Jenkins, CI/CD, Nginx

Tools Git, GitHub, GitLab, RabbitMQ, Kafka, SonarCloud, OWASP ZAP

Testing JUnit, Mocha, Chai, Postman, ESLint, TDD

Professional Experience

June 2025 - Present

Backend Engineer, Intelik Immutable Intelligence, Karachi, Pakistan

- Architect and develop high-performance backend systems for immutable intelligence applications using Java Spring Boot and Node.js
- Implement robust data security measures and optimize data flow for real-time decision-making systems
- Collaborate with cross-functional teams to design scalable microservices architecture
- Leverage Docker and Kubernetes for containerization and orchestration of backend services

Jan 2023 - Present

Senior Backend Engineer, Freelance, Remote

- ullet Developed and deployed 15+ scalable backend solutions for enterprise clients using Java Spring Boot and Node.js
- ullet Designed and optimized database schemas for high-performance applications using MySQL, PostgreSQL, and MongoDB
- \bullet Implemented RESTful APIs and integrated 20+ third-party services ensuring 99.9% uptime
- Established DevSecOps pipelines with automated testing and security scanning

Key Projects

E-Commerce Platform, Java Spring Boot, React.js, MongoDB

- Built comprehensive e-commerce solution with advanced search, secure payment processing, and admin dashboard
- Achieved 40% performance improvement through database optimization and caching strategies

Mobile Banking Application, Android Native, Spring Boot, PostgreSQL

- Developed secure mobile banking app with biometric authentication and real-time notifications
- \bullet Delivered 99.8% transaction success rate with zero security incidents

MyMediConnect Healthcare Platform, Java, React.js, Healthcare APIs

- Architected HIPAA-compliant healthcare platform connecting patients, providers, and institutions
- Achieved 95% user satisfaction rate and 30% improvement in appointment management efficiency

Computer Vision & ML Application, Python, TensorFlow, OpenCV

• Built real-time image recognition system with 92% accuracy and 60% faster inference time

Education

2022 - 2026 Bachelor

Bachelor of Science in Computer Science, Sindh Madressatul Islam University, Karachi, Pakistan

Certifications & Awards

Jan 2025 Best Team Member Award - Notion SMIU

Sep 2024 Google AI Essentials Certificate

Expected 2025 Oracle Certified Associate - Java SE 8 Programmer