

# TARIQ JANDALY

## Full Stack Developer

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### ABOUT

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Full Stack Developer with 7+ years of experience building scalable backend systems handling 100+ concurrent requests using Node.js and PostgreSQL.

### EXPERIENCE

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- Software Development Intern, SAS Institute** 07/2025 – 09/2025  
Riyadh, Saudi Arabia
- Developed 5+ data integration applications with ETL pipelines processing 50,000+ records daily and automated data workflows.
  - Collaborated with cross-functional teams of 15+ members on enterprise scale data systems serving 1,000+ internal users.
  - Implemented error handling and monitoring practices ensuring 99.5% system uptime for production data pipelines.

### EDUCATION

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**Bachelor of Science in Information Technology,** 12/2029  
*King Abdulaziz University, Faculty of Computing and Information Technology*

### SKILLS

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#### Backend

Node.js, Fastify, PostgreSQL, REST APIs, WebSockets, job queues and realtime systems

#### Frontend

ReactJS, TypeScript, Tanstack Start, NextJS and Tailwind CSS

#### Infrastructure

Docker, Redis and system design

#### Other

TypeScript, JavaScript, Python, Java, SQL and Git

### PROJECTS

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#### **Iteration,** *Code Execution Platform | Solo Project | Closed Beta*

- Architected and deployed full-stack code execution platform with real-time feedback, currently serving 50+ beta users.
- Engineered secure execution environment handling 100+ concurrent code submissions using Docker containers with CPU/memory limits, preventing malicious code execution.
- Built job queue system with Redis worker pools processing 500+ submissions/hour, delivering real-time execution results to frontend via WebSockets with <200ms latency.

#### **KStack,** *Microservices Framework | Team Project | Open Source*

- Collaborated with 5-person team to architect open-source Kubernetes infrastructure framework enabling independent deployment and scaling of 10+ microservices across distributed environments.
- Designed and implemented centralized data extraction workflow processing 20,000+ records easily, providing critical data dependencies for 3+ downstream services with optimized PostgreSQL schema design.
- Built responsive frontend interfaces for planner and index modules using React Frameworks and TypeScript, enabling users to visualize and manage service configurations across distributed infrastructure.