

# TALAL ALRASHEED

RIYADH, SAUDI ARABIA

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## CAREER OBJECTIVE

Software Engineering graduate with practical development experience and strong analytical foundation. Experienced in full-stack development, data analysis, and cross-functional collaboration through hands-on projects and professional internship. Passionate about leveraging technical expertise to create innovative solutions and drive digital transformation across diverse industries.

## EDUCATION

Bachelor of Science in Software Engineering  
King Fahd University of Petroleum and Minerals

Dhahran, Eastern Province | August 2019 - December 2024

## PROFESSIONAL EXPERIENCE

### Freelance Developer

Custom Excel-to-PDF Reporting System · Aug 2025 - Oct 2025 · 3 mos

- Developed a Python-based automation system that converts Excel data into professionally formatted Arabic PDF documents with right-to-left text support using ReportLab, arabic\_reshaper, and bidi libraries.
- Engineered data cleansing functions for phone numbers, tracking codes, and product aggregation, while creating an intuitive Tkinter interface for non-technical users.
- Reduced manual report generation time by 75% and eliminated formatting errors for delivery forms and inventory reports used daily by operations team.
- Implemented dynamic table sizing, company logo integration, and automatic signature sections to match corporate branding requirements.

### Frontend Developer (Summer Trainee)

Arab National Bank (ANB) Jul 2024 - Aug 2024 · 2 mos

- Developed and implemented business-critical applications using React Native and React.js technologies
- Created analytical dashboards to track performance metrics and visualize operational data
- Improved system efficiency through technical optimization, resulting in 30% faster processing times
- Collaborated with cross-functional teams to align technical solutions with organizational objectives
- Documented technical specifications and business requirements to ensure project success
- Participated in the full project lifecycle from requirements gathering to implementation and evaluation

## PROJECTS

### KFUPM Smart Bus Application

Digital Transportation Infrastructure | Built with Flutter & Firebase

- Led the development of an enterprise-grade tracking system utilizing Flutter and Firebase technologies
- Managed complete project lifecycle including requirements analysis, system design, and implementation
- Created comprehensive technical documentation (SRS, SDD) following industry-standard methodologies
- Implemented data analytics components to measure system performance and usage patterns
- Collaborated with stakeholders to ensure alignment between technical capabilities and business needs

## CORE TECHNICAL COMPETENCIES

**Data-Driven Mindset:** Application of analytical thinking and statistical methodologies in system design and development

**Technical Innovation:** Expertise in developing scalable applications using modern frameworks with focus on user experience

**Cross-Functional Leadership:** Proven ability to collaborate with diverse teams and deliver solutions aligned with business objectives

**Process Optimization:** Systematic approach to identifying inefficiencies and implementing technological solutions

**Continuous Learning:** Demonstrated commitment to professional development through technical certifications

## SKILLS

- Project Management:** Planning, execution tracking, resource coordination, timeline management
- Requirements Engineering:** Requirements gathering, specification writing, process design, stakeholder analysis
- Data-Driven Analysis:** Statistical analysis, performance metrics, predictive modeling, business intelligence
- Communication:** Technical writing, presentations, cross-functional collaboration, stakeholder management
- Problem-Solving:** Analytical thinking, solution development, system troubleshooting, process improvement

## CERTIFICATIONS

IBM Data Fundamentals • IBM Cybersecurity Fundamentals • Principles of Project Management | KFUPM • Task Automation with Report Generation Using Python | KFUPM • Data Analysis Using Python | KFUPM

## LANGUAGES

- Arabic Native • English Advanced