Sana’a

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Mohammed Nabil

MOHAMMED ALBANA'A

Software Development & IT Systems Manager

// ABOUT ME

I specialize in server management, system development, and mobile application development. I have experience working with technologies such as **Flutter**, **Dart**, **Frappe**, **Python**, **JavaScript**, **PHP**, **Java**, **Kotlin**, and **Arduino C**. My focus is on building efficient systems, improving IT infrastructure, and creating user-friendly mobile applications that meet business needs. I’m always eager to learn and contribute to delivering practical and impactful solutions.

// WORK EXPERIENCE

Manager of IT Management

Emirates International University - **August 2024 – Present** / *Sana’a*

- **Academic System Management**: Managed and administered the university's academic system **'Al-Emtiaz' (Excellence)**, ensuring efficient and smooth operations.
- **Accounting System Oversight**: Supervised the **Onyx Pro** system to manage university accounting functions.
- **Server Management**: Administered six key servers, including:
  - Employee server
  - Email and website server
  - Accounting and academic systems server
  - Electronic documents server
  - QNAP storage server
- **NVR Server Supervision**: Oversaw 15 NVR servers responsible for camera recording and surveillance.
- **IT Infrastructure Management**: Managed IT systems across four buildings, ensuring seamless technology operations and efficient connectivity.
- **Team Leadership**: Supervised a team of five employees, delegated tasks effectively, and monitored progress to achieve department objectives.
- **Network Security and Firewall Management**: Maintained robust firewall security, identifying and addressing vulnerabilities to protect against potential intrusions.

// ACADEMIC BACKGROUND

BACHELOR IN IT
Saba University - 2022

// TRAINING

INJAZ COMPANY PROGRAM
Injaz Organizations - 2022

// SKILLS HIGHLIGHTS

PROJECT MANAGEMENT

CREATIVE DESIGN

INNOVATIVE

SERVICE-FOCUSED

COMPLEX PROBLEM SOLVER

STRONG DECISION MAKER

ACCOUNTING

DIGITAL FORENSICS

// LANGUAGES

Arabic - Native

English - Intermediate

// WORK EXPERIENCE

Software Development Manager
AlphaCode — **August 2023 – Present** / Sana'a
AlphaCode specializes in the development of ERP systems, mobile applications, and digital transformation solutions.

- **Team Leadership**: Led the software development team, overseeing project planning, task delegation, and quality assurance across all stages of the SDLC.
- **Masar System**: Designed and supervised the development of "Masar" — a digital workflow automation system. It tracks every modification made to a transaction, allows assignment to multiple users, and supports approval or rejection based on the institution's organizational hierarchy. Key features include:
    - Customizable workflows per department
    - Advanced reporting and performance indicators
    - Real-time notifications, alerts, and email integration
- **E-Commerce System**: Developed a comprehensive e-commerce platform including:
    - Admin and vendor dashboards
    - Mobile apps for vendors, customers, and delivery agents
    - Public website storefront
    - Features: product listing, discounts, promotional coupons, loyalty points, and more
- **Osoul ERP System**: Oversaw the development of a full-featured ERP system ("Osoul") that integrates:
    - **Procurement**: Requesting, approving, and tracking purchases
    - **Sales**: Quotations, invoices, and client management
    - **Inventory**: Stock control, warehouse transfers, and item tracking
    - **HR Module**: Employee records, attendance, payroll, and leave management
- **Electronic Archiving System**: Developed a digital archiving solution that allows electronic storage of physical documents, including workflow-based approval processes tailored to each document type.
- **Tender Analysis System**: Created a system to manage procurement tenders from suppliers. Users can input tender requests and supplier bids with product lists and prices. The system generates comparative reports to facilitate data-driven decisions on awarding tenders.

Software Engineer
FinTechSys — **February 2024 – August 2024** / *Sana'a*
FinTechSys specializes in the development of financial systems for banks and electronic wallet applications.

- **'Jawali Business' Wallet Development**: Successfully designed and developed the electronic payment wallet *'Jawali Business'*, tailored for company owners and institutions. The wallet supports mass payments through any network and facilitates wallet deposits.
- **HR System Automation**: Enhanced the human resources system to automate salary and wage transfers to employees' bank or wallet accounts. Key features include:
    - Calculation of overtime and delays
    - Management of post-midnight fingerprint data for attendance
    - Generation of comprehensive reports and daily accounting entries
- **Front-End System Development**: Designed and implemented a highly intuitive and visually appealing system with a single-screen navigation interface. Connects seamlessly with any back-end system.

// WORK EXPERIENCE

Software Engineer

Partner — **May 2023 – August 2024** / *Sana'a*

Partner specializes in the development of ERP systems, and digital transformation solutions.

- Managed and implemented **SuitCRM** system for Yemeni Chambers of Commerce, including **Sana'a** and **Taiz**. Led the project through all stages of the SDLC.
- Collaborated with stakeholders, gathered requirements, and ensured the CRM solution aligned with their needs.
- Led a team of developers, designers, and testers, maintained high-quality standards, and facilitated user training and change management.
- Implemented a customized **Frappe Call Center** app for **Yeastar Call Center**, enabling employees to efficiently manage calls and log complaints linked to client records.

// PROJECTS

- **MOBILE APPS**
  - Developed Wahy Islamic App:
    I have developed the Wahy app using Flutter for the frontend and Laravel for the backend. This comprehensive mobile application allows users to listen to recitations of the Holy Quran from over 100 reciters and provides features such as reading different mushaf versions, utilizing tools like the rosary, prayer times' alerts, Qiblah Compass, Hijri Calendar, and Athkar. By combining Flutter and Laravel, I created a user-friendly interface and a reliable backend infrastructure, ensuring a seamless and responsive experience for users engaging with the app.

- **MOBILE APPS**
  - Developed Ihsan donations collection app:
    I collaborated with a backend developer and a Flutter/mobile apps developer to successfully develop the Ihsan donations collection app. This app simplifies the process of collecting donations by allowing collectors to receive monetary or material contributions from individuals. After submitting a donation, the donor receives an SMS message that includes detailed information about their contribution. Through effective communication and coordination, we built a robust backend infrastructure and a user-friendly interface, ensuring a seamless experience for both collectors and donors.
  - Developed Smart store IOT application hosted in Firebase.
  - Developed simple Weather app using open weather map API.
  - Developed simple Fitness app with Sqflite hosted in Firebase.
  - Developed simple To-Do app with Sqflite.

- **IOT PROJECTS**
  - Developed Smart Store Security IOT project.
  - Developed Smart Farm IOT project.
  - Developed Smart Parking IOT project.
  - Developed Talking Robot IOT project.

- **IT HELP-DESK TASKS**
  - Provide technical support to employees.
  - Troubleshoot system and server errors and fix it.
  - Manage user access.
  - Monitor system performance.
  - Perform remote troubleshooting through diagnostic techniques and pertinent questions.

// SKILLS

- Flutter Framework – Apps designing and development.
- Flutter State Management – Provider, Getx, Block.
- Native mobile apps – Apps development using Kotlin or Java.
- Laravel Framework – Apps designing and development.
- Frappe Framework – Apps designing and development.
- Backend Technologies – Firebase, Laravel.
- Windows Server – basic administration and IT help-desk tasks.
- Version Control: Git & GitHub.
- Testing: Unit Testing, Test-Driven Development (TDD).
- Software Design Principles: SOLID Principles, DRY (Don't Repeat Yourself), KISS (Keep It Simple, Stupid), YAGNI (You Ain't Gonna Need It).
- Clean Architecture: Separation of Concerns, Dependency Inversion, Dependency Injection.
- Agile Methodologies: Scrum, Kanban.
- Problem-solving and Analytical Thinking.
- Strong Communication and Collaboration Skills.