

ZAWAAR ABBAS DAD

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PROFESSIONAL SUMMARY

I am an Android developer with experience in Kotlin Multiplatform, Jetpack Compose, and QA automation for POS systems. After completing my degree in Computer Engineering, I've contributed to cross-platform architecture, UI development, and financial transaction testing in real-world environments.

In addition to technical responsibilities, I've taken on team leadership roles, coordinating developers, reviewing code, and ensuring project milestones are met efficiently. I'm passionate about building efficient, scalable, and user-focused solutions, and I thrive in collaborative environments where I can mentor others and drive technical direction.

I'm eager to continue growing as a software engineer and technical leader within teams that value innovation, responsibility, and continuous learning.

LANGUAGES

- **Urdu - Native**
- **English - C1**
- **Spanish - C2**
- **Catalan - C2**

PERSONAL SKILLS

- Driver's license B
- Planning
- Adaptability
- Multitasking

CURRENT POSITION

ingenico

Android Developer (KMP | POS | Jetpack Compose)

Ingenico | JUN 2024 - CURRENT

www.ingenico.com

- Lead the integration of Kotlin Multiplatform (KMP) to unify business logic across Android and iOS POS applications.
- Built modular, reusable UI components with Jetpack Compose, accelerating UI development and ensuring design consistency.
- Designed and implemented end-to-end features for Android POS terminals, including UI, backend logic, and transaction workflows.
- Collaborated with cross-functional teams (iOS, QA, Product) in Agile environments using JIRA and Bitbucket.
- Diagnosed and resolved complex technical issues in production POS devices, ensuring uptime and user reliability.
- Continued the responsibilities and codebase contributions initiated during internship period.

Software Engineer Intern

Ingenico | JAN 2024 - JUN 2024

- Established the automation testing framework using Robot Framework and Appium for Android-based POS systems.
- Executed both manual and automated QA workflows to verify transactional flows and compliance protocols.
- Worked directly with ISO8583 protocol for emulated and real financial transaction validation.
- Created technical documentation and tutorials for internal QA tooling.

TECHNICAL SKILLS

Programming & Development

- Kotlin (Multiplatform, Jetpack Compose), Java, Python
- Android app development (UI & backend for POS terminals)
- Web: JavaScript, PHP, HTML5, CSS, XML, XQuery

Frameworks & Tools

- Jetpack Compose, Appium, Robot Framework
- Odoo ERP (module development, customization)
- WordPress (themes, plugins, performance optimization)

Databases

- PostgreSQL, MongoDB, MySQL, SQL

Others

- ISO8583 protocol (POS financial transactions)
- Git, Bitbucket, Jira, CI/CD pipelines
- SEO, Google Analytics

PAST WORK EXPERIENCE

Python/Odoo Developer

MadeToSoft | FEB 2022 - JUN 2022

www.madetosoft.com

- Worked directly with the CEO and accounting staff to develop and customize applications according to business requirements for the Odoo ERP system (alternative to SAP).
- Design, development, testing of modules and interfaces.
- Test new functions/modifications to existing application modules according to application support.
- Complete and clear documentation of any task/work performed.



IT TECHNICIAN

DSD0 | JAN 2020 - APR 2021

www.dsd0.com

- Perform tasks revolving around the detection and resolution of technical problems.
- Speak with clients seeking technical assistance to offer solutions over the phone, email, or in person.
- Install and configure hardware and software components for an organization or client.
- Train computer users on new systems by performing demonstrations to familiarize them with operating procedures.



ERASMUS

ASSERTED KNOWLEDGE (Greece) | JUN 2022 - AUG 2022

- Development of web pages with WordPress.
- Creation of templates with PHP.
- Customization of plugins.



GUT-WEHLITZ (Germany) | JUN 2019 - AUG 2019

- Testing of software components and IT application systems.
- Read and draw sketches, read and create technical diagrams.
- Principles of screen design and web design, optimizing websites for smartphones.



EDUCATION

UOC (Open University of Catalonia)

Bachelor's degree in Computer Engineering
2022 - 2025

- Focused on software engineering, data structures, system architecture, and real-world project delivery in a remote, self-managed academic environment.



Ins la Ferreria

Higher National Certificate (HNC) in Cross-Platform Application Development
2020 - 2022

Vocational Training (VET) in Microcomputer Systems and Networks
2018 - 2020



CERTIFICATIONS

Intermediate English Certificate (B2) - CERTACLES

Issued by: **UOC (Open University of Catalonia)**

Date obtained: **June 2024**