Muhammad Faez Siddiqui

Tech Lead | Software Architecture | AI & Enterprise Software

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SUMMARY

Tech Lead and **founding team member** at **Intelik**, a software company building AI, blockchain and enterprise systems. Led architecture, hands-on development and delivery of banking, automotive, manufacturing and security-sector platforms for **UBL**, **Hyundai**, **PKG Global** and **Azee Securities**, and built the engineering team from scratch.

- Led the **UBL Loan Support System**, cutting loan processing from **weeks to minutes**
- Led a real-time weapon detection system: **0.959 mAP50**, **50 to 70 frames per second** on one GPU
- Built **MyIntelik**, an all-in-one operations portal now live at Hyundai and Azee Securities
- BS Cyber Security, FAST-NUCES Karachi, **Gold Medal** for first position in the batch

EXPERIENCE

Intelik Karachi, Pakistan | Jun 2025 - Present

Software company building AI, blockchain and enterprise systems for banking, automotive, manufacturing and public-sector clients.

Tech Lead 1 Jul 2025 - Present

- Led **technical architecture, hands-on development and delivery** across enterprise software, banking, fintech, automotive, manufacturing and security-sector projects
- Designed and pitched the **UBL consumer lending platform**, contributing to a reduction in loan processing time from **weeks to minutes**
- Led development of **Banking Document Intelligence, MyIntelik, the Loan Support System, PRISM ERP and Dealership Management System**
- Led development of **vehicle management** and **weapon detection and tracking** systems for a security-sector organization
- **Built the engineering team from the ground up**, starting as a founding team member and helping scale its technical and delivery capabilities

Software Engineer 2 Jun 2025 - 30 Jun 2025

- **Founding team member** at Intelik. Helped set up early technical and delivery capabilities while writing code across the stack

Software Engineer | Scripters Hub Jul 2024 - Oct 2024

- Built web applications with Next.js, React, JavaScript and Tailwind CSS

SKILLS

- **Technical leadership:** technical architecture, solution design, requirements analysis, enterprise software delivery, engineering team building
- **Languages and frameworks:** TypeScript, JavaScript, Python, Next.js, React, React Native, Node.js, Express.js, FastAPI, Tailwind CSS
- **Data and infrastructure:** PostgreSQL, Prisma, Docker, REST APIs, on-premise and cloud deployment
- **Blockchain:** Hyperledger Fabric
- **Delivery and operations:** delivery management, client engagement, hiring

SELECTED PROJECTS

- **Loan Support System (formerly ILOS), UBL.** Led the consumer lending platform from application to disbursement and collections, with OCR document reading, versioned credit rules and customer self-service. Cut loan processing from **weeks to minutes**.
- **Banking Document Intelligence, UBL.** Led, with the AI team, on-premise extraction of data from CNICs, payslips, credit bureau reports and bank statements. **Deployed at UBL** and significantly enhanced since.
- **Dealership Management System, Hyundai.** Led the platform that replaced the old dealer system, covering sales, workshop, parts, invoicing and finance.
- **PRISM ERP, PKG Global.** Led the ERP covering sales, procurement, batch and expiry inventory, manufacturing, import costing, accounting and tax reporting.
- **MyIntelik Portal.** Built to run Intelik's own operations, then offered to clients: one login for HR, attendance, finance, tasks, communication, sales and marketing. Live at **Hyundai** and **Azee Securities**.
- **Weapon Detection System, security-sector organization.** Real-time weapon detection on CCTV with automatic logging of weapons issued and returned. **0.959 mAP50** on a 2,600-frame test set, **50 to 70 frames per second** on one GPU. Live camera pilot.
- **Fleet Management System, security-sector organization.** Vehicle, driver and trip management with two-stage maintenance approvals, geotagged photo evidence and an audit trail. Led from requirements to delivery.
- **Nerva Hospital Operating System.** Led development and built parts of a hospital platform with **eight suites and 30+ modules**, from registration to billing and claims. Pre-deployment.
- **AI Radiologist.** Offline platform that validates chest X-rays, drafts a radiology-style report and marks suspected findings. Pre-deployment.
- **NeXCasH.** Founder and lead developer of a peer-to-peer lending and payments app (React Native, Node.js, PostgreSQL, Hyperledger Fabric). Selected for the **first cohort of the IBA CED I-INCUBATE program** (HEC-funded).

EDUCATION

BS Cyber Security | FAST-NUCES, Karachi 2021 - 2025

- **Gold Medal** for first position in the Cyber Security batch
- **Rector's List of Honours** (4.00 SGPA in 5th semester) and **Dean's List** in semesters 5 to 8
- **First prize** in the Database Open House for the Tourism Management System

LANGUAGES

Urdu (native), English (professional working proficiency)