

BASHIR KHADRA JR

SYSTEMS ENGINEER & FULL-STACK DEVELOPER

PROFESSIONAL SUMMARY

Experienced Web Developer and AI engineer, with experience in management systems and automation leading to role in management.

CONTACT

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GitHub: <https://github.com/bashirokk>

WORK EXPERIENCE

Full Stack Software Developer | June 2026 - Current

Mobility Eye FZC - Sharjah, UAE

- Led the development of the Baseerahx system handling database design, REST API and Angular development.
- Refactored monolith into microservices to increase interoperability with other systems
- Built an MCP multi-modal chatbot to query user data in real-time
- Refactored critical software into Rust to decrease user load times by 20 - 30%.

Ai Engineering Intern | January 2026 - June 2026

CryptoCompliance.ai - Dubai, UAE

- Developed AI powered RAG systems to aide customer support and legal departments.
- Supported in the development of multiple company automations.
- Handled DNS, Vercel, Railway, Render configurations to support DevOps operations.

Software Developer Co-op | Summer 2025

General Directorate of Residency and Foreigners Affairs - Dubai

- Worked on projects with members of the GDRFA - Dubai team to help modernize the day-to-day processes that are faced within their work

Co-Founder & CEO | 2025 - Present

M64 Technologies

- Set up a start-up with 3 of my colleagues and was accepted for Oraseya's Sandbox (startup accelerator program)
- Completed 3 months of intensive hands-on training with the team at Oraseya.
- Designed and built a garage management system (GMS) for the Akhtboot AlThabi Garage Company.
- Used Next.js to build an interactive frontend interface with Express as backend. Using an AWS, MySQL, and MongoDB instance for data storage
- Managed the CI/CD pipeline for both the front end and the backend. Approved PRs and maintained consistent code standards. Developed and maintained a MongoDB database after originally using MySQL

Student Government President | 2024 - 2025

RIT Dubai Student Government

- Lead a team of 24 people with departments including events, media, finance, tech and more...
- Lead many large-scale events such as Clubs Fest, Global Day 2025, and supported in events such as Halloween, and Spring Fest
- Supported the growth and development of SG as an organization in RIT Dubai

Software Developer Co-op | Summer 2024

RIT Dubai Co-op Department

- Utilized Llama 3.0 to run and deploy a working domain-limited chatbot to support student queries in the Career Services Department at RIT Dubai.
- Supported in building a frontend (Next) and backend (express) web interface to be used to control the chatbot
- Cooperated with cloud computing providers to obtain the necessary computing power to host the LLM model

Tech Coordinator | 2023 - 2024

RIT Dubai Student Government

- Worked alongside my director to develop and maintain an Angular.Js based website for RIT Dubai SG.
 - Built on Angular.Js with a Firebase backend.
- Supported the team in small and large scale events such as: breast cancer awareness, clubs day, clubs fest, career fair and global day

Software Development & Sales Internship | 2022-2024

Mobility Eye FZC.

- Supported in setting up and meeting with clients and potential clients, supporting throughout the purchase journey, developing new leads with the guidance of the manager.
- Worked with the development team on a web application in Angular.js.
- Maintained and supported cross-platform mobile app development in reactNative.

ACADEMIC HISTORY

Rochester Institute of Technology - Dubai | 2022 - 2026

B.S.C. in Computer Information Technology

- SG Dubai President (2024 - 2025)
- Worked on multiple projects within the university (Llama powered chatbot, GDRFA initiative, game Development Project)
- 4 Year scholarship
- Senior Project in building a Capstone Management System

LANGUAGES

- Arabic (Mother Tongue, reading, writing, and speaking)
- English (Second Language, IELTS 7.5)

TECHNICAL SKILLS

- Frontend (React.JS, Next.js, Angular)
- Backend (Node.js, Express, openAPI, .NET 10)
- Database (SQL, MongoDB, Postgres)
- Mobile App Development
 - Android (Java and Kotlin)
- Networking (Experience in setting up and managing medium-sized networks)
- Artificial Intelligence
 - RAG
 - LLMs (Llama)
 - Prediction Models (SpaCy)

SOFT SKILLS

- Strategic Planning
- Crisis Management
- Public Speaking
- Critical Thinking
- Leadership
- Conflict Resolution
- Growth Oriented Mindset