

Joud Kayyali

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Professional Summary

Results-driven Computer Science undergraduate (GPA: 3.54) specializing in scalable software engineering, system architecture, and algorithmic problem-solving. Proficient in modern tech stacks (React, Next.js, Node.js, Java, SQL). Highly adaptable and equipped to drive measurable impact across diverse IT domains, including Full-Stack Development, Database Systems, Cloud integrations, and AI-driven solutions.

Technical Skills

- Languages:** Python, Java, JavaScript (ES6+), TypeScript, C++, SQL.
- Databases & Cloud:** PostgreSQL, MySQL, Supabase (RLS), Prisma ORM, JDBC.
- Frontend & APIs:** React.js, Next.js, Tailwind CSS, RESTful APIs, Postman.
- Core IT Concepts:** System Architecture (BFF), CI/CD, Git/GitHub, Data Structures, RBAC, OOP.

Experience

The VentureX | Amman, Jordan

Frontend Developer Intern | Oct 2025 – Present

- Engineered dynamic, type-safe web applications using Next.js and TypeScript, integrating complex backend systems via RESTful APIs, Node.js, and PostgreSQL.
- Built a custom Browser Extension from scratch utilizing Vanilla JS, mastering advanced DOM manipulation and dynamic state management without external libraries.

Shalati Print | Amman, Jordan

IT Support Specialist | Aug 2024 – Oct 2025

- Managed technical troubleshooting for production hardware and software systems, ensuring continuous operational uptime and reliability.

Featured Technical Projects

Startup Investment Platform (Full-Stack / DB Architecture) | Next.js, TypeScript, Supabase, Prisma, XState

- Architected a production-ready Backend-For-Frontend (BFF) system with strict (RBAC).
- Engineered a secure Data Access Layer (DAL) utilizing Prisma ORM and enforced database security through Supabase Row Level Security (RLS).

Route Optimization & Algorithm Analyzer | JavaScript, Data Structures (Min-Heap)

- Engineered a visualization platform to simulate and compare shortest-path graph algorithms (Dijkstra, Bellman-Ford).
- Optimized execution times utilizing a custom Min-Heap Priority Queue, rigorously stress-tested against massive datasets and complex negative weight cycles.

Library Management System (Desktop App) | Java, SQL, JDBC, Swing

- Architected an OOP-based enterprise desktop application integrating a relational SQL database via JDBC.
- Implemented secure authentication workflows and complex CRUD operations to efficiently manage inventory records.

Education

W.I.S.E University | Amman, Jordan

2023 – 2027

Bachelor of Computer Science | GPA: Excellent (3.54)