

Abdulrahman Alaasi

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OBJECTIVE

Software Engineer Specialist skilled in Python, Django, Java, HTML, CSS, full-stack development and RAG-based AI systems, with experience building scalable applications and AI powered systems. Strong background in system design, backend architecture, and modern web technologies, with a passion for delivering efficient and user-focused solutions. Experienced in working on real world projects and hackathons, including chatbot Assistant development and AI driven solutions.

EDUCATION

Al Yamamah University

Bachelor of Science in **Software Engineering** | GPA 3.99 / 4.00

Riyadh, Saudi Arabia

Graduation Date: January 2027

Relevant Coursework Data Structures & Algorithms, Software Architecture & Design, Software Requirements Engineering, Operating Systems

Academic achievement First Class Honor with two consecutive years in the Dean's List for maintaining perfect academic GPA.

INTERLINK International Institutes at YU

Riyadh, Saudi Arabia

Equivalent to 5.5 IELTS Score

June 2022

- Completed advanced academic English preparation equivalent to IELTS band requirements. Developed professional communication, and writing.

SKILLS

- Technical Skills** Python, Django, Java, JavaScript, TypeScript, HTML, CSS3, Node.js, React, Next.js, SQL, OOP, Anthropic Claude API
- Soft Skills** Problem Solving, Analytical Thinking, Leadership, Team Collaboration, Critical Thinking, Adaptability, Attention to Detail
- Tools** Git & GitHub, Claude Code, Supabase, PostgreSQL, VS Code, Figma, Software Ideas Modeler, Postman, PlantUML
- AI/Backend** LLM Integration, RAG, pgvector, REST APIs, System design

PROFESSIONAL & PROJECT EXPERIENCE

Yamamer AI Assistant

Lead Software Engineer & System Architect <https://yamamer.com>

2026

- Engineered a RAG-based AI university assistant for Al Yamamah University covering 50+ academic workflows, backed by a 300+ article pgvector knowledge base with cosine similarity search
- Built with Django REST Framework, React (Vite), Supabase, PostgreSQL, and Gemini API for embeddings and Anthropic Claude API (Haiku) as the core language model

Personal Portfolio Website

Full-Stack Developer <https://abdulrahman.alaasi.dev>

2026

- Engineered a custom portfolio experience with a top-down SVG desk interface, interactive navigation elements, animated project previews, and responsive layouts across desktop and mobile.
- Built a live admin system for managing content, project galleries, layout behavior, and on-site interactions in real time.

Resume Builder Web Application

Full Stack Development

2026

- Built a production-ready, multi-section resume builder web application from scratch using Next.js (App Router), TypeScript, and Tailwind CSS with a live real-time preview panel developed using Claude Code

PwC Middle East, Smart Destinations Empowerthon

Riyadh, Saudi Arabia

Hackathon Participant | Product & AI Solution Developer

February 2026

- Built Syncora, a mobile-first event operations platform centralizing staff onboarding, real-time coordination, and communication delivered a fully functional MVP within a 48-hour constraint. Defined core user flows, system requirements, and AI powered communication features

McKinsey & Company

Riyadh, Saudi Arabia

McKinsey Forward Program | Participant

April 2026

- Selected for a global professional development program focused on problem solving, leadership, and digital skills

CERTIFICATIONS

- Build an AI Agent, IBM SkillsBuild 2026** 3.5 Hours Course
- Web Development Fundamentals, IBM SkillsBuild 2026** 12 Hours Course
- Introduction to Python Programming, Red Hat 2026** 32 Hours Course
- Java Foundation, Oracle 2024** 13 Hours Course

EXTRACURRICULAR ACTIVITIES & INTERESTS

- Clubs** Google Developer Group at Al Yamamah University. Engaged in collaborative coding challenges, technical seminars, and peer-led innovation sessions focused on real-world software applications.
- Interests** Software architecture & system design, AI/ML applications, open-source contribution, competitive programming, UI/UX design, tech entrepreneurship, and product building