

# HASAN

Software Engineer

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## ABOUT ME

Motivated and detail-oriented ICT graduate from Bahrain Polytechnic with practical experience in backend and AI development. Skilled in Python, Spring Boot, Java, Kotlin, and GenAI tools, gained through real-world projects. Strong problem-solving skills and a collaborative mindset developed through university and experience. Passionate about AI, ML, and software engineering, with a drive to contribute to impactful tech solutions.

## EDUCATION

Bachelor's Degree in ICT (Programming)  
2021 - 2025 - GPA: Graduated with 3.92

Candidate of CPISP (Crown Prince International  
Scholarship Program) - final stage  
2020

Science Branch  
2018-2021

## SKILLS

- Python, Java, Kotlin, C#, SQL, Swift, ASP.NET, Spring Boot, Firebase
- AWS Cloud Development
- Leadership and team work
- Detail-oriented
- Critical Thinking
- Debugging skills

## CERTIFICATIONS

- Backbase backend certified - 2025
- AWS Certified AI Practitioner - 2025
- AWS Certified Developer - Associate - 2023
- Chartered Management Institute (CMI) Level 3 Certificate in Principles of Management and Leadership - 2021
- IELTS (7.5) - 2020

## PROFESSIONAL EXPERIENCE

Array Innovation | FEB 2025 - Present

- Started as a Java Spring-boot backed developer intern for Array World, utilizing AWS for cloud and REDIS for caching. Then promoted to full-time in May.
- Won best award for best use of emerging technologies for CLP Project.
- Currently working for a client as Backend engineer using Java & Spring Boot on a microservice based applications.

AWS CIC | SEP 2024 - JAN 2025

- Building my Senior project with AWS CIC and Education & Training Quality Authority (BQA) using AWS Services.
- Was responsible for Bedrock, LLMs, AI, RAG, Prompt Engineering, agents and text extraction part of the project.
- It is a system for analyzing BQA reports managing them with the ability to ask a chatbot about them. Github repo is [here](#) for full details.

Unipal | AUG 2024 - NOV 2024

- Building Recommendation system for Unipal's mobile app using techniques such as Collaborative filtering etc., to add more personalization and host it on AWS with lambda and docker.

VII Tech | JUL 2022 - JAN 2023

- Started as an intern for two months (July & August 2022) then got promoted to part-time in September 2022. Worked on various apps.
- Managed to implement new features and improve existing ones on the apps using both Java and Kotlin, and migrated code from Java to Kotlin.

## PROJECTS ([GITHUB](#))

### [Orient Event Organizer](#)

MAR, 2024 - May, 2024

- Hall rental app, took the lead in this project. We utilized JS, PHP, Ajax, etc.

### [Light Weaver](#)

Mar, 2024 - May, 2024

- Utilized C# and Unity to make this puzzle-based game. Published [here](#).

### [Lab Linkup](#)

MAR, 2024 - May, 2024

- Medical appointment app, took the lead in this project. Utilized Swift & Firebase for image storage.