

# Taha Almohamed

Software Engineer

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## Summary

Software Engineer with 3+ years of experience developing software applications. Strong foundation in full-stack development, cloud services, and software engineering principles with a focus on performance and maintainability.

## Education

### University of Bahrain (UOB)

*B.Sc. in Software Engineering, College of Information Technology*

**2023 – Present**

*MGPA: 4.0 / 4.0*

## Relevant Experience

### Array Innovation

*Software Engineer Intern*

**Aug 2025 – Sep 2025**

*Bahrain, Manama*

- Developed data-intensive enterprise software, including RAG-based systems, using Python, FastAPI, Next.js, and Tailwind CSS.
- Designed, containerized, and deployed backend services using Docker and AWS (ECS, ECR, Lambda, S3, Bedrock) to support scalability and reliability.
- Improved system performance through architectural optimizations, reducing response times by up to 30%, while contributing across the full SDLC in an Agile environment.

### Sama Card

*Software Developer Intern*

**Jul 2024 – Sep 2024**

*Bahrain, Muharraq*

- Contributed to the design of a new health insurance service by gathering and analyzing stakeholder requirements.
- Developed and integrated backend and client applications using Laravel (PHP), Angular, and Ionic.
- Improved application performance and maintainability through refactoring and optimization, reducing load times by up to 25%.

### Hub Bahrain

*Instructor*

**Jun 2024**

*Bahrain, Khalifa Town*

- Delivered hands-on workshops on Artificial Intelligence and Machine Learning, emphasizing practical applications and clear technical communication.

## Awards

### 1st Place Winner at the “.bh” Hackathon

*Organized by Telecommunication Regulatory Authority (TRA), Bahrain*

Developed a web application promoting Universal Acceptance concepts including IDN and EAI.

**May 2025**

### Best Use of Technology Award

*Organized by Bahrain Space Agency, Bahrain*

Developed planetary simulation systems for exoplanets using structured astronomical data.

**Oct 2024**

### Top 100 Students in Bahrain

*CPISP Committee*

Recognized among the top 100 high school students in Bahrain, qualifying for the Crown Prince International Scholarship Program (CPISP), through which I earned the CMI Level 3 Certificate in Management and Leadership.

**Jul 2022**

## Projects

**Rapid.js** — Lightweight JavaScript framework for building SPAs using a component-based architecture with reactivity and hot-reload support.

**Nesitfy** — Web application for property rental and sales, featuring a user-focused UI/UX and AI-powered search for improved relevance and accuracy.

## Skills

- **Programming Languages & Databases:** JavaScript, TypeScript, Python, Java, C++, PHP, SQL (PostgreSQL, MySQL, MariaDB, SQLite), NoSQL (MongoDB, Firebase, DynamoDB)
- **Libraries & Frameworks:** Express.js, React.js, Next.js, FastAPI, Laravel, Angular, Tailwind CSS, Bootstrap
- **Tools & Platforms:** Git, GitHub, Docker, AWS Cloud Services, AWS CDK, CI/CD, Portainer
- **Software Engineering:** System Architectural Design, Full-Stack Development, Code Reviews, Agile / Scrum
- **Soft Skills:** Multidisciplinary & Multicultural Team Communication, Clear Communication, Adaptability

## Languages

English (Full Professional Proficiency), Arabic (Native Proficiency)