

AYA HASSAN

Software Engineer

Email: ay00shhas126san@gmail.com

Phone: +967 776 977 667

Sana'a, Yemen

Portfolio: <https://aya-hassan-portfolio.vercel.app>

GitHub: github.com/Eng-Aya-Hassan

PROFESSIONAL SUMMARY

Software Engineer with hands-on experience in front-end web development, Flutter mobile applications, and enterprise systems using Oracle APEX. Experienced in building governmental and private-sector systems, designing relational databases, and integrating RESTful APIs. Strong understanding of system workflows, user experience, and scalable application architecture. Passionate about delivering clean, maintainable solutions and continuously improving technical skills within collaborative teams.

TECHNICAL SKILLS

Programming & Frameworks:

HTML, CSS, JavaScript, Dart, Flutter, C#, Oracle APEX, PL/SQL, SQL Server

Databases & APIs:

SQL, Relational Databases, RESTful APIs

Tools & Platforms:

Git, GitHub, VS Code, Android Studio, Postman, Firebase, Figma, Adobe XD

PROFESSIONAL EXPERIENCE

Web Front-End Developer

Borouge Yemen – Sana'a, Yemen

2024 – Present

- Developed responsive and user-friendly web interfaces using HTML, CSS, and JavaScript.
 - Collaborated with designers and backend developers to implement UI components aligned with business requirements.
 - Improved website usability and performance through clean and maintainable code practices.
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Flutter Developer (Internship)

Third Eye Academy – Sana'a, Yemen

Dec 2025 – Present

- Developed cross-platform mobile applications using Flutter and Dart.

- Integrated APIs and Firebase services to support application functionality.
 - Participated in testing, debugging, and improving application performance.
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Oracle APEX Developer

General Authority for Social Security and Pensions (GASSP) – Sana'a, Yemen

Aug 2024 – Feb 2025

- Developed a governmental customer service system using Oracle APEX and PL/SQL.
 - Designed and optimized relational database schemas to support service workflows.
 - Implemented user roles, access control, and reporting features.
 - Worked closely with stakeholders to analyze requirements and enhance system efficiency.
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C# Developer & UI/UX Designer (Freelance)

Sana'a, Yemen

2024 – 2025

- Developed desktop applications using C# and SQL Server.
 - Designed user interfaces with a focus on usability and user experience.
 - Delivered customized software solutions based on client requirements.
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IT Engineer (Internship)

Hayel Saeed Anam Co. (HSA Group) – Sana'a, Yemen

Apr 2024 – Jun 2024

- Provided IT support and assisted in maintaining hardware and software systems.
 - Supported troubleshooting and system maintenance tasks.
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PROJECTS

Expense Management System

- Developed a desktop application using C# and SQL Server to manage organizational expenses.
- Implemented expense tracking, reporting, and data storage features.

Customer Service Chatbot System

- Built a chatbot system to assist public users with service inquiries.
- Integrated backend logic and database storage for managing conversations.

EDUCATION

Bachelor of Information Technology (IT)

Sana'a University, Yemen

2021 – 2025

Higher Diploma in English

Canadian Center for Training, Sana'a, Yemen

2021 – 2022

CERTIFICATIONS

- Introduction to Cybersecurity – Cisco
 - English for IT (1 & 2) – Cisco
 - Computer Hardware Basics – Cisco
 - Photoshop – Sana'a University
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LANGUAGES

- Arabic: Native
- English: Advanced