

Abdala Farah Mohamed

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Professional Profile

Software Engineering graduate (BSc, GPA 3.4) from Abaarso Tech University with hands-on experience in full-stack development, mobile applications, and database systems. Skilled in Python, Java, JavaScript, TypeScript, and Bash scripting. Proficient with frameworks such as Django, ASP.NET, and Android Studio, and experienced in building secure, scalable, and user-friendly solutions. Trained in Data Science, Machine Learning, and Cybersecurity. Passionate about distributed systems, AI, IoT, and emerging space technologies, with a proven ability to self-learn and deliver results in challenging environments.

Technical Skills

- Programming Languages: Python, C#, JavaScript, TypeScript, Bash, PHP
- Frameworks & Tools: Django, ASP.NET, Android Studio, Bootstrap, Git, Agile
- Databases: MySQL, SQL Server
- Web Technologies: HTML5, CSS3, REST APIs, HTTP/HTTPS, Web Security
- Operating Systems: Linux (Ubuntu, CentOS, Kali), Windows
- Other Tools: SPSS, MS Office

Soft Skills

- Team Collaboration
- Analytical Problem-Solving
- Critical Thinking
- Resilience Under Pressure
- Networking & Communication

Education

Bachelor of Science in Software Engineering (BSc. SWE)

Abaarso Tech University – Hargeisa, Somaliland

Graduated: September 2024 | **GPA:** 3.4 / 4.0

Secondary: Hamdan bin Rashid Secondary School (2019 – 2021)

Certifications & Training

Data Science training (ML & Python) – **University of Bristol** (Online)

Cybersecurity Certificate – HarHub, Somaliland (March 2024)

Projects

Responsive Website Design (Capstone Project)

- Led a team to design a fully responsive website with HTML, CSS, and JavaScript.
- Conducted usability testing, achieving 95% mobile usability.
- Collaborated with team members to ensure seamless integration of design elements and functionality.

ASP.NET Web Application (Final Graduation Project)

- Built secure, scalable web app with C# and SQL Server; optimized responsiveness with Bootstrap and CSS.
- Achieved 90% user satisfaction; implemented server-side logic and database management.
- Implemented server-side logic in C# and managed data storage and retrieval using SQL.

Mobile App Development (UI/UX Course Project)

- Designed wireframes in Figma and Adobe XD, then developed a functional Android app using Kotlin and Android Studio.
- Conducted usability testing and iterated for improved user experience.
- Developed a fully functional mobile app based on the UI/UX mockup created in the design phase using Android Studio and Kotlin.

Experience

Hotel Apartments, Hargeisa — Manager

- Managed technical systems: CCTV and automated fingerprint access for 40+ units.
- Optimized operational workflows, reducing incident resolution time by 75%.
- Coordinated staff and ensured seamless service under pressure, demonstrating leadership and problem-solving skills.

Academic & Independent Projects

- Delivered end-to-end solutions including responsive websites, mobile apps, and secure web applications.
- Applied Agile principles to manage deadlines and collaborate with teams.

Relevant Coursework

Machine Learning & AI | Back-End Development | Data Science | Responsive Web Design | Game Development | JavaScript & Libraries