

Sefina Kamile Abrar

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🔗 LeetCode 🏆 Codeforces

👤 PROFESSIONAL SUMMARY

Software Engineer with hands-on experience building mobile and full-stack web applications across healthcare, fintech, and edtech. Delivered production-ready features end-to-end — from architecture through deployment — including AI-powered functionality that improved user outcomes. Adaptable across tech stacks, with a track record of learning fast and integrating into cross-functional teams.

🧠 SKILLS

Programming Languages — Dart, Python, JavaScript, TypeScript, C++, Java, PHP

Frameworks / Libraries — Flutter, React Native, Next.js, React, jQuery, Express.js, Laravel, Django, Tailwind CSS, Prisma

Databases — MySQL, MongoDB, PostgreSQL, Firebase

Technologies/Platforms — Git, GitHub, GitHub Actions, Node.js, DigitalOcean, Google Play Console, Docker, Vercel, WordPress, Squarespace

🎓 EDUCATION

B.Sc. in Software Engineering, Addis Ababa Science and Technology University 📄

May 2022 – Jun 2026
Addis Ababa, Ethiopia

• **CGPA:** 3.81

• **Relevant Coursework:** Data Structures & Algorithms, Web & Mobile Application Development, Machine Learning, Computer Networking, Distributed Systems.

🔧 TRAINING & CERTIFICATIONS

Full-Stack Web Development 📄, Evangadi Coding Academy

Nov 2023 – May 2024
Addis Ababa, Ethiopia

• Completed an intensive training program in modern web development using React, Node.js, Bootstrap, Firebase, and jQuery.

Competitive Programming & Mobile Dev Trainee 📄,

Dec 2023 – Dec 2024
Addis Ababa, Ethiopia

Africa To Silicon Valley (A2SV), backed by Google

• Solved 800+ problems on LeetCode and Codeforces, gained hands-on mobile application development experience.

📁 PROFESSIONAL EXPERIENCE

Frontend Developer — Part-time, Remote, AfriDATAi

Dec 2025 – Jul 2026
Addis Ababa, Ethiopia

• Built a full-featured clinic management system using Next.js, developing role-based dashboards and workflows for doctors, nurses, lab technicians, and admins — covering the complete patient treatment flow including triage, payment, and cross-department coordination.

Mobile Application Engineer, Fayida Academy Educational Consultancy

Nov 2025 – Jun 2026
Addis Ababa, Ethiopia

• Developed and maintained a full-featured digital tutoring platform using Flutter, implementing new features end-to-end, integrating backend services via REST APIs, and optimizing responsive UIs to boost student engagement — **live on Google Play** 📄

Freelance & Contract Work

Mar 2025 – Apr 2026
Addis Ababa, Ethiopia · Remote (Saudi Arabia)

• **Mobile Application Developer**, Gebeya Inc — Built a healthcare Android app from scratch using clean architecture, integrating AI-powered features for intelligent health guidance and REST API communication connecting doctors and patients for remote consultations.

• **Product Associate**, Qismati — Contributed to feature planning and coordination during the app's closed beta phase for a Saudi Arabia-based startup, working with developers and designers to refine user flows, gather feedback, and improve overall usability.

• **Website Developer**, TechBridge Academy and Consulting — Designed and developed a full company website using Squarespace, customizing layouts, managing content, and implementing design improvements aligned with the organization's branding and goals.

Mobile Development Intern, Safaricom Telecommunications Ethiopia PLC Refactored CtApp using BLoC and a three-layer architecture to boost maintainability and stability, implemented new business features, and configured OAT/production app flavors for smoother QA and release workflows — contributed to a high-traffic enterprise app live on Google Play	Jul 2025 – Oct 2025 Addis Ababa, Ethiopia
Backend Development Intern, Ethioware EdTech Initiative Engineered backend services for a mental health platform using Node.js, Express, and MongoDB, improving API efficiency by 20%, implementing secure health-record handling, and collaborating with frontend developers to deliver integrated features more efficiently.	Feb 2025 – May 2025 Addis Ababa, Ethiopia

PERSONAL PROJECTS

ChainGuard , <i>Blockchain-Based Transaction Monitoring Platform</i> Developed a fintech platform using Hedera, Next.js, Node.js, and PostgreSQL to track and verify cryptocurrency transactions with real-time analytics, providing transparent monitoring and enhanced security for financial institutions.	
MedaCare , <i>AI-Powered Telemedicine Platform</i> Built a mobile healthcare app using Flutter and Firebase, enabling secure telemedicine consultations, integrated payments, AI-driven health guidance, and real-time patient support — empowering users to make faster, more informed medical decisions.	
OCR Scanner , <i>Smart Receipt Processing Platform</i> Created a smart receipt scanning app using Flutter, OCR, and a Node.js/Express backend to extract and structure data accurately, featuring an intuitive UI, real-time validation, and seamless backend integration.	
ParentaLink , <i>School Communication Management System</i> Built a secure school communication platform using React, Laravel and PostgreSQL, featuring real-time messaging and notifications, role-based access, and optimized data management to streamline parent-teacher interactions.	

MENTORSHIP & VOLUNTEER EXPERIENCE

Flutter Mentor and Mobile App Developer, Google Developers Group (GDG) - Mentored university students in mobile app development, teaching core programming, design principles, and guiding them to complete their own projects. - Co-created a mobile app helping AASTU students efficiently navigate campus facilities through an interactive digital map.	Nov 2024 – May 2025 Addis Ababa, Ethiopia
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AWARDS

Very Great Distinction Award , <i>Associated with Addis Ababa Science and Technology University</i> Awarded upon graduation for excellent academic performance during B.Sc. studies in Software Engineering, granted in recognition of outstanding academic distinction.	27 Jun 2026
3rd Place – MedaCare Platform (Startup Competition) , <i>Safaricom Talent Cloud Program, Awarded by Gebeya Inc</i> Co-developed a Flutter-based healthcare app and delivered a winning live demo and pitch.	21 Jun 2025