

BILAL ZAMIL AHMED

Third-Year Computer Science Student | Practical Software & AI-Assisted Tools

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PROFILE

Computer Science student focused on building useful, real-world systems: Telegram bots, web tools, mobile apps, and IoT prototypes. Strong interest in practical software, automation, and hands-on technical work.

TECHNICAL SKILLS

- Languages: TypeScript, JavaScript, C++, Python, SQL
- Web: HTML, CSS, Cloudflare Workers
- Mobile: Android, Jetpack Compose
- Databases: Cloudflare D1 / SQLite, Google Sheets integration
- Tools: Git, GitHub, VS Code, macOS, UTM, Linux basics
- AI: OpenAI API concepts, AI-assisted app features

LANGUAGES

- Arabic: Native
- English: Working proficiency
- German: A1 in progress

LINKS

- [Portfolio: bilalzamilahmed.page](#)
- [GitHub: bilalcodes1](#)
- [YouTube / Instagram: @bilalcodes1](#)

AVAILABILITY

Open to student projects, practical training opportunities, and future Ausbildung-related preparation after German improvement.

EDUCATION

University of Anbar - College of Computer Science and IT

B.Sc. Computer Science, third-year student

- Coursework and practical work across programming, software projects, systems concepts, data handling, and computer fundamentals.
- Builds personal projects to connect academic learning with real-world tools and deployments.

SELECTED PROJECTS

DeutschDrop - German Learning Telegram Bot

Cloudflare Workers, TypeScript, D1, Telegram Bot API

- Built a German vocabulary learning bot with collections, training, review flows, reminders, XP, achievements, and leaderboard features.
- Implemented CSV imports, background processing, scheduled jobs, and collection-specific training workflows.

UOADrop - Student Print Order System

Electron / Web tooling concept for university students and print shops

- Designed a practical order flow for student printing needs with dashboard concepts for print shops and QR-based workflows.

GymTech - AI-Powered Fitness Companion

Android, Jetpack Compose, Clean Architecture, AI features

- Created an Android project concept focused on fitness guidance, app structure, and AI-assisted user experience.

Fingerprint Attendance System

ESP32, AS608 sensor, DS3231, OLED, Google Sheets dashboard

- Built a hardware prototype for attendance logging with fingerprint capture, timestamping, display feedback, and cloud-style reporting.

EXPERIENCE & ACTIVITIES

- Regularly builds and ships student-focused software experiments instead of only theoretical demos.
- Uses GitHub and Cloudflare-based deployment workflows for live projects and version control.
- Practices debugging, prompt-based coding workflows, technical documentation, and project presentation.
- Maintains a personal portfolio website to present projects, certificates, and technical activities.

CERTIFICATES & LEARNING

- GitHub Global Campus / GitHub Education approved.
- Independent learning in German language, Linux basics, Cloudflare Workers, bot development, and practical software delivery.
- Interested in hands-on technical work, system integration, automation, and practical problem solving.