

Furkan Çoban

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EDUCATION

Bulent Ecevit University

BSc. Computer Engineering GPA:2.61

Zonguldak, TR

Sep. 2024 – Present

Schmalkalden University Of Applied Sciences

Informatik (Exchange Student)

Thuringen, DE

Oct. 2025 – Mar. 2026

Istanbul Arel University

BSc. Computer Engineering GPA:3.53

Istanbul, TR

Sep. 2023 – Jun. 2024

PROJECTS

AI Crypto Agent | Next.js, React, Python, TypeScript, Tailwind CSS, Supabase

2025– Present

- Engineered full-stack SaaS platform for real-time cryptocurrency market analysis using Next.js frontend and Python backend
- Integrated Google Gemini 2.5-Flash API for AI-driven sentiment analysis and market insights (Bullish/Bearish/Neutral classification)
- Implemented technical screener with mathematical indicators (RSI, Moving Averages) and real-time signal detection dashboard
- Designed PostgreSQL data architecture via Supabase with automated 15-minute intervals for continuous market monitoring using Windows Task Scheduler
- Built responsive dark mode cyberpunk UI with Tailwind CSS achieving 100% mobile responsiveness and smooth real-time Supabase integration

EXPERIENCE

Cybersecurity Office (İŞKUR Youth Program)

Cybersecurity Operations & Awareness Staff

Zonguldak, Turkey

Mar. 2025 – Jun. 2025

- Contributed to the operational workflow of a Cybersecurity Office through a government-funded (İŞKUR) program, managing digital assets for awareness campaigns.
- Coordinated technical events and workshops, bridging the gap between technical concepts and visual communication for effective stakeholder engagement.
- Ensured seamless execution of cybersecurity awareness protocols and internal communication strategies.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: React, Node.js, Flask,

Developer Tools: Git, Docker, Google Gemini API, Antigravity, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries & Tools Next.js | React | TypeScript | Tailwind CSS | Python | Pandas | Supabase | Vercel

CERTIFICATIONS

Erasmus+ EU Mobility Grant Recipient – Hochschule Schmalkalden, Germany (2024–2025)

CEFR [(84/100)/C1] English Certificate – [Bulent Ecevit University Foreign Languages] (2025)

CURRENT SITUATION

Seeking a 3-4 month Engineering Internship starting **May/June 2026**. Fully funded via government/scholarship program (no salary or financial compensation required from the host organization).