

Berat Erol Çelik, Software Engineering Student

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LINKS	Github : https://github.com/BerattCelikk Linkedin : https://www.linkedin.com/in/berat-erol-%C3%A7elik-513915258/ Medium : https://medium.com/@beratcelikk02 Kaggle : https://www.kaggle.com/beraterolelk Websites : coddio.com , postbyprompt.com , celikestate.com , epowermekanik.com
PROFILE	Software Engineering student and Founder of Coddio, specializing in AI/ML, LLM orchestration, and multi-agent workflows. I build production-ready SaaS platforms and scalable backends using n8n and cloud architectures. Leveraging a track record in enterprise software and autonomous drone engineering, I bridge complex AI models with industrial applications. Currently seeking software engineering roles to scale AI-driven technologies.
EMPLOYMENT HISTORY	Founder , Coddio Nov 2025- Present - Founded an AI solutions agency to design and deploy modern SaaS platforms, integrating advanced LLM orchestration and autonomous multi-agent workflows. Campus Ambassador, Etkin Kampüs Nov 2025-Present Software Team Member, GökTulga Teknofest Oct 2025-Present - Significantly reduced UAV test preparation times for Teknofest by developing high-speed telemetry protocols, flight control algorithms, and n8n-based diagnostic automations. Campus Ambassador, Griply Team Oct 2025-Present Campus Ambassador, MisafirinVar Oct 2025-June 2026 Community Board Member, Bilgisayar Kavramları Oct 2025-May 2026 Software Developer, E-Power Mekanik Feb 2026-May 2026 - Designed AI-integrated backend solutions and advanced n8n workflows to enhance system scalability and synchronize complex engineering datasets across cloud infrastructures. Software Developer, Tulpar-FF Teknofest Sept 2025-Feb 2026 - Engineered LiDAR-based autonomous navigation and integrated AI-driven computer vision for the TULPAR disaster drone, enabling real-time mapping and target identification in GPS-denied environments. Software Intern, E-Power Mekanik Nov 2025-Feb 2026 - Developed the modern backend and high-performance UI for epowermekanik.com, integrating AI-powered assistants to automate customer inquiries and technical documentation access. ESG Engineer (On-Site), Audi Development Camp Jul 2025-Jul 2025 - Analyzed ESG metrics and automated environmental impact reporting using AI-based modeling to drive carbon footprint reduction and sustainability compliance in automotive manufacturing. User Acquisition Team Member, FutureAction Ai Oct 2025-Dec 2025 - Executed targeted user acquisition campaigns and outreach strategies to drive user growth, engagement, and product adoption for AI-based solutions. IT Intern, TNC Group Şirketleri Jul 2025-Aug 2025 - Optimized IT operations by developing n8n automations for support tickets and asset tracking, while managing network infrastructure and deploying security tools to ensure uptime.

	Software Intern, Envepo Yazılım A.Ş. Jun 2022–Aug 2022 Optimized enterprise database schemas and developed Python/SQL backend modules, while prototyping AI applications for automated indexing and data integrity.
EDUCATION	Software Engineering, Istanbul Aydın University Sept 2022 – Current - Pursuing a rigorous curriculum (GPA: 3.24) with advanced coursework and research focused on software architecture, cloud-native backend optimization, and AI/ML. Dijital Beceriler ve Mesleki Gelişim Gençlik Programı, 3G VAKFI Feb 2022 – Current - Architecting scalable, AI-integrated software solutions and deploying sophisticated n8n automation workflows to bridge artificial intelligence with industrial standards. Artificial Intelligence & Panel Data Modules, YÖK Veri Analizi Okulu Sept 2022 – Current - Applying machine learning, Panel Data analysis, and predictive modeling to interpret large-scale datasets and optimize data-driven decision-making processes. Junior FullStack Developer(.NET & React Trainee), Acunmedya Akademi Jan 2025–June 2025 - Developed scalable, end-to-end web applications using C#/.NET and React, implementing RESTful APIs, SQL database management, and responsive UI designs.
PROJECTS	YAPAY-AI: Smart Lab Report Analyzer : AI-powered platform interpreting medical findings with personalized health insights using Python Flask and Llama 3.2 (Ollama). Link Audi Water Monitor : Interactive ESG dashboard developed with Python Dash to visualize and model water usage metrics for sustainability compliance. Link Grails: Carbon Emission Tracker : Environmental analysis system predicting carbon footprints and generating sustainability reports for Rotterdam University. Link Advanced Matrix Calculator : Web application for complex matrix operations (+, -, *) and advanced properties analysis (idempotent, nilpotent, symmetry). Link KingSizeAWS Website : Informative platform on AWS services and certifications built with Python Flask, HTML, CSS, and JavaScript. Link Coddium: AI Solutions Platform : Founded and developed an AI agency platform specializing in LLM orchestration and multi-agent autonomous systems (n8n), featuring a modern UI designed with Glassmorphism and Bento Grids. Link PostByPrompt: Autonomous Marketing SaaS : Engineered backend logic and robust security layers for an AI-driven marketing automation platform, utilizing a Silicon Valley aesthetic for the frontend architecture. Link E-Power Mekanik Web Platform : Maintained the corporate web presence and managed server infrastructure, optimizing backend configurations to ensure high availability and system reliability. Link Celik Estate : Real estate platform featuring 3D terrain visualizations and AI-driven sales tools. Link
SKILLS	Problem-solving, Teamwork, React, AI & ML, Attention to detail, Git, Innovative Approach, FastAPI, LLM Integration, AI Agents (LangChain), Adaptability, HTML5, Python, CSS3, Java, n8n, SQL, Zapier JavaScript, Django, Computer Vision (YOLO/OpenCV) .
LANGUAGES	- English B2 - German A2
REFERENCES	Metehan Altuğ from Founder of E-Power Mekanik
CERTIFICATIONS	https://www.linkedin.com/in/berat-erol-%C3%A7elik-513915258/details/certifications/