Emin Haziyev

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SUMMARY

I am a versatile developer with strong expertise in C, C++, Ruby, Python, and JavaScript, specializing in Node.js backend development. My work spans from low-level systems programming to building scalable backend architectures, always with a focus on clean, efficient, and maintainable code.

EDUCATION

Qwasar Silicon Valley College of Engineering — Remote
Full-stack Development — *Apr. 2025 – Present*

Azerbaijan State Economics Univeristy — Baku, Azerbaijan
Bachelor's degree in Computer Science — *Sep. 2024 – June 2028*

EXPERIENCE

Full-stack Developer — Apr 2025 - Present
DevLab Internship Program — *Baku, Azerbaijan, Part-time*
- Working on real-world, portfolio-grade projects involving both front-end and back-end development. Building scalable and maintainable applications using modern web technologies, applying best practices in code quality, testing, and deployment. Collaborating remotely with a distributed team through GitHub for version control and project management.Working on real-world, portfolio-grade projects involving both front-end and back-end development. Building scalable and maintainable applications using modern web technologies, applying best practices in code quality, testing, and deployment. Collaborating remotely with a distributed team through GitHub for version control and project management.

Backend developer — Jun 2023 - Apr 2024
Syntheyesis — *Baku, Azerbaijan, Self-employed*
- At Syntheyesis, my experience at backend development, artificial intelligence, teamwork and leadership increased. I wrote full-stack code of web platform and desktop application. The main goal of project was helping paralyzed people control everything with eyes. The main challenging part was ai part of this project, because that was my first time building project includes ai. At the end, with my team, we won 2nd place at "Sabahin Alimleri XIII Respublika Musabiqesi".

Co-Founder, CTO — Jun 2022 - Dev 2023
ARkod.az — *Baku, Azerbaijan, Self-employed*
- ARkod.az was a good leadership experience for me. This technology can be used in many industries. We created a 3d environment with augmented reality to solve some global problems. In the end, we took the third place at the "Sabahin Alimlri" XII Republican Science Fair.

Azerbaijan Community Leader — Jun 2022 - Sep 2023
PathLLM.ai (Previously: Let'sMod) — *Remote*
Intern — Apr 2021 - Jun 2022
PathLLM.ai (Previously: Let'sMod) — *Remote*

PROJECTS

lagit | *JavaScript, Node.js, Express.js, Commander.js, SQL, CLI, Git* — June 2020 – Present
- Developed a local-first, Git-inspired version control system that enables sharing and syncing code repositories within the same Wi-Fi network without internet or external servers.
- Features include repository creation, push/pull functionality, and dual CLI and web GUI interfaces.
- Ideal for hackathons, offline workshops, classrooms, and remote teams.

Cloud Storage – Homelab Server | *JavaScript, Node.js, Express.js, Linux, Web Development* May 2018 – May 2020
- Built a personal cloud storage server for efficient file management and security.
- Implemented features such as file upload/delete, folder organization, private folders with access control, user management, real-time terminal emulator, and activity logging.
- Delivered a secure, flexible, self-hosted alternative to commercial cloud solutions.

ActivityDoor | *JavaScript, Node.js, Express.js, MongoDB*, VS Code Extension development — May 2018 – May 2020
- Created a lightweight platform to display real-time VS Code activity (file names, folder names, elapsed time) anywhere online.
- Designed for developers to showcase live coding, workflow progress, or integrate coding activity into dashboards and portfolios.

- This service is public and has real users

VacancyBoss | *JavaScript, Node.js, Express.js, Linux, Web Development*   May 2018 – May 2020
- Developed a Telegram channel platform delivering rapid vacancy/job news updates.
- Developed backend services using Node.js and Express.js to fetch, process, and broadcast vacancy information efficiently.

Linux/UNIX Commands re-write | *C, Linux*   May 2018 – May 2020
- LS - A custom version of the ls command that lists files and directories with detailed information including permissions, sizes, and timestamps, replicating core functionalities of the original.
- TAR - A utility to create and extract .tar archives supporting multiple files, enabling efficient packaging and unpackaging of file collections without relying on external tools.
- READLINE - Implemented a fully functional readline() function for interactive command-line input, supporting line editing and history navigation, enhancing user input handling capabilities.
- BLOCKCHAIN - Built a simplified blockchain prototype where nodes and blocks are managed via linked lists, including synchronization functions to simulate block propagation and chain updates across nodes.
- This suite showcases proficiency in C programming, file system interaction, memory management, data structures, and synchronization techniques, emphasizing low-level system operations and performance.

TECHNICAL SKILLS

Languages: JavaScript, Python, C, C++, SQL, Java, HTML/CSS, Ruby
Frameworks: React, Node.js (Express.js)
Developer Tools: Git, VS Code, PyCharm, IntelliJ, CodeBlocks
Others: Data Structures and algorithms, optimization

LICENSES & CERTIFICATIONS

ICPC - Northern Eurasia Finals   ICPC - International Collegiate Programming Contest
Data Structures and Algorithms, C++ [Certificate]   *December 2025*
Introduction to Software Engineering (lvl II)   Qwasar Silicon Valley College of Engineering
C language [Certificate]   *July 2025*
Introduction to Full-stack development   Qwasar Silicon Valley College of Engineering
C language [Certificate]   *April 2025*
II place Diploma in "Sabahin Alimleri" XIII Republican Contest   ARTI
in Computer Science field[Certificate]   *April 2024*
III place Diploma in "Sabahin Alimleri" XII Republican Contest   ARTI
in Computer Science field[Certificate]   *Feb 2023*