SIMON FERESHETYAN

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Software Engineer / DevOps

CAREER SUMMARY:

Software Engineer | Transitioning to DevOps & SRE Infrastructure-focused engineer with 2+ years of experience in full-stack development and system administration. Specialized in automating complex workflows using Bash, PowerShell, and Node.js. Expert in leveraging AI agents (Claude, Gemini CLI) to optimize deployment cycles and reduce development time. Proven track record of managing Docker-based environments and Windows Server infrastructures.

WORK EXPERIENCE:

Settlement Center (CJSC) Software Engineer & SysAdmin | Yerevan, Armenia 2024 – Present

- Developing and maintaing internal software applications, ensuring high availability and performance.
- Increasing team productivity by automating routine processes and scripting administrative tasks (Bash/PowerShell/Node.js)
- Managing system administration on Windows Server, including Active Directory configuration and maintenance.

Independent Contractor | Infrastructure & Backend Project | Yerevan, Armenia 2025 – 2026

- Cloud Infrastructure: Architected and deployed a multi-tenant SaaS CRM system using Docker and Cloudflare, implementing R2 storage and CDN for high availability.
- Performance Engineering: Optimized database performance for complex queries in PostgreSQL and implemented background job processing via Redis/BullMQ.
- System Integration: Developed and maintained multi-channel messaging system (Telegram/Meta) via webhooks and APIs.
- Efficiency: Reduced deployment time by 40% through automation and optimized container orchestration.

EDUCATION:

2021 – Graduated 2025 | National University of Architecture and Construction of Armenia
Bachelor of Computer Science – Software Engineering

SKILLS:

- **Programming Languages:** JavaScript, TypeScript, C/C++(PlatformIO, ESP, PIC embedeed engineering)
- **Server-side Platforms, Libs & Frameworks:** Node.js, Express.js, Nest.js, AWS (S3) SDK, BullMQ, RabbitMQ, etc.
- **Databases:** PostgreSQL, MongoDB
- **Protocols:** HTTP, GraphQL, WebSockets
- **Frontend Technologies:** Next.js, React.js, Redux Toolkit, Tanstack Query, Motion (Framer Motion), Zustand, Axios, Apollo, HTML5, CSS3, Tailwind CSS, etc.
- **DevOps Tools:** Docker, Traefik, NGINX, Dokploy
- **Operating Systems & Administration:** Windows (Server, PowerShell, Hyper-V, WSL2), Linux (Bash Scripting)
- **Version Control and Collaboration:** Git, GitHub, Trello

LANGUAGES:

- English: Upper-Intermediate (B2)
- Russian: Advanced (C1 CEFR / Fluent)
- Armenian: native

OWN PROJECTS & CERTIFICATIONS:

- **Projects:** Developed a real-time humidity and temperature tracking web app connected to an ESP32 microcontroller via WebSocket, using C++/PlatformIO for firmware, Bun.sh for backend, React/Vite for frontend, DHT22 sensor for monitoring, Telegraf for telegram notifications and MongoDB for data storage. [https://github.com/sim2003on/esp32-firmware-node-react]
- **Certifications:** 2023 Certified in SmartCode as Frontend Developer