Ilia Goginashvili

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Portfolio: portfolio-omega-blue-h6y7hfd5nu.vercel.app

PROFESSIONAL SUMMARY

Currently serving as Software Engineer Trainee at Andersen. Backend-focused specializing in TypeScript, Node.js, and Python with focus on clean architecture and security. Experience managing a development team, conducting code reviews, and handling technical leadership responsibilities including epic estimation and architecture decisions.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Rust, SQL

Backend Frameworks: Express.js, NestJS, Django, Fastify, Node.js

Databases: PostgreSQL, Prisma ORM, Redis, MongoDB

Frontend: Next.js, React, Tailwind CSS

DevOps & Infrastructure: Docker, GitHub Actions, Nginx, CI/CD

Security: JWT/HttpOnly Cookies, RBAC, TOTP/2FA, Argon2, AES-256-GCM, Cryptography

API Design: REST API, OpenAPI 3.0, Pagination, Caching, Rate Limiting

Development Practices: Clean Architecture, SOLID Principles, Design Patterns, Git, Testing

Leadership: Team Management, Code Review, Sprint Planning, Task Distribution, Epic Estimation

PROFESSIONAL EXPERIENCE

Node.js Team Lead - Software Engineering Trainee *October 2025 – Present*

Andersen | T'bilisi, Georgia

- Serving as Team Lead for Node.js development team on educational software project
- Took on Tech Lead responsibilities after tech lead departure, handling merge request reviews, epic estimations, and architecture decisions
- Conducting code reviews with focus on clean architecture and best practices
- Estimating epics and distributing tasks across team during sprint planning
- Maintaining team workflow during transition period

PROJECTS

ApiFlow - API Documentation Generator github.com/Ilia01/apiflow

Tech Stack: Python, Jinja2, OpenAPI 3.0, Static Site Generation

- Built static site generator converting OpenAPI specifications to HTML documentation
- Designed responsive themes with search functionality

- Implemented automated documentation generation
- Created modular architecture for theme customization

DevFlow - CLI Workflow Automation Tool github.com/Ilia01/devflow

Tech Stack: Rust

- Built command-line tool for Jira and Git workflow automation
- Implemented using Rust for memory safety (migrating to Go)
- Automates task management workflows

Aegis2FA - Two-Factor Authentication Service github.com/Ilia01/Aegis2FA

Tech Stack: Node.js, Express.js, TypeScript, PostgreSQL, Redis, Prisma ORM

- Building self-hosted 2FA authentication service
- Implementing TOTP authentication, JWT security, and Argon2 password hashing
- Applying clean architecture principles
- Developing test suite for reliability

Password Manager - Secure CLI Utility github.com/Ilia01/Password-Manager

Tech Stack: Rust, Argon2, AES-256-GCM

- Built password management system using modern cryptography
- Implemented Argon2 key derivation and AES-256-GCM encryption
- Used Rust for memory-safe architecture
- Created CLI interface for credential management

Task Management API github.com/Ilia01/Task-Management-API-Demo

Tech Stack: Node.js, Express, JavaScript, REST API, OpenAPI

- Built REST API demonstrating design patterns and SOLID principles
- Implemented clean architecture
- Created OpenAPI documentation
- Applied patterns for maintainable code

World Simulation - Artificial Life Engine

Tech Stack: Python, NumPy, Streamlit, Rich CLI, Pandas

- Built artificial life simulation with CLI and web interfaces
- Designed modular architecture for agent-based systems
- Implemented computations using NumPy
- Created interactive web interface with Streamlit and CLI dashboard with Rich

TECHNICAL WRITING & KNOWLEDGE SHARING

- Write technical blog posts about authentication patterns, JWT implementation, and TOTP systems
- Document password hashing algorithms, rate limiting strategies, and Docker deployment
- Share knowledge on test coverage and backend architecture
- Maintain portfolio with focus on correctness and documentation

EDUCATION

Bachelor's *Expected Graduation: 2027*

BTU | T'bilisi, Georgia

Relevant Coursework: Data Structures, Algorithms, Database Systems, Software Engineering, Object-Oriented Programming

Self-Directed Learning:

- Backend Development (REST API design, microservices, system design)
- Security Engineering (Cryptography, authentication, authorization)
- DevOps Practices (Docker, CI/CD, infrastructure automation)
- Systems Programming (Rust, Python, TypeScript)

ADDITIONAL INFORMATION

Languages: English (Proficient), Georgian (Native)

Open Source: Active contributor

Professional Focus: Production-ready systems with clean architecture, security, and performance

Availability: Open to backend engineering