

AGVAN GRIGORYAN

SOFTWARE ENGINEER

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[Github](#)
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PROFILE

Backend developer with solid knowledge of Python, Django, and FastAPI.
Experienced in designing RESTful APIs, managing relational databases (PostgreSQL/MySQL), and optimizing ORM performance.
Comfortable working in Linux environments and applying CS fundamentals such as OOP, data structures, and algorithms to real-world problems.

PROJECTS

- **Minishell**
Language: C
 - Developed a simplified Unix shell replicating essential bash functionalities, including command execution, piping, and signal handling.
- **CPP-Modules**
Language: C++
 - Engaged in a series of projects to master Object-Oriented Programming in C++, implementing various design patterns and deepening comprehension of C++ concepts.
- **Django Piscine**
Language: Python, Django
 - A full-stack development program focused on building scalable Django applications.
 - Implemented authentication, session management, ORM optimization, and RESTful API structure using PostgreSQL.
 - Gained hands-on experience in performance tuning, internationalization (i18n), and real-world backend architecture.
- **Todo Server**
Language: Python
 - Developed a task scheduler web application using Django 4.2, enabling users to organize notes and manage tasks, consolidating knowledge in Python and web development frameworks.

EDUCATION

2019 - 2023
**YEREVAN STATE COLLEGE
OF INFORMATICS**
Software technician

2024 - Present
42YEREVAN
Bachelor's-Level Studies in
Software Engineering

SOFT SKILLS

- Project Management
- Teamwork
- Time Management
- Effective Communication
- Critical Thinking

TECH SKILLS

- C/C++
- Python
- Django
- OOP
- MySQL/PostgreSQL
- Docker
- Unix/Linux
- Data structures & algorithms
- Git

LANGUAGES

- Armenian (Native)
- Russian (Advanced)
- English (Pre-Intermediate)