

# Ollayor Makhammatnabiyev

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## EDUCATION

### Turin Polytechnic University

B.Sc. in Computer Engineering - GPA: 24/30

- Completed 120+ credit hours in Algorithms, Operating Systems, Databases, and Data Structures

Tashkent, UZB

2020 – 2024

## EXPERIENCE

### Buchet LLC

Backend Engineer

November 2024 – Present

Tashkent, UZB

- Architected RESTful APIs using NestJS, serving 10k+ daily requests with 99.5% uptime
- Optimized MongoDB queries and schema design, reducing response time by 40% across core endpoints
- Executed comprehensive test plans covering 200+ cases weekly, maintaining 95% defect detection rate
- Collaborated with 5-person dev team to resolve 150+ defects, reducing post-release issues by 30%

### iQtidorly – Backend Developer Intern

September 2024 – December 2024

Tashkent, UZB

- Built 3 production Telegram bots using Python/Aiogram, automating interactions for 1000+ daily users
- Developed Django/PostgreSQL backend features, improving application performance by 25%
- Participated in 20+ code reviews, helping resolve 50+ production issues while learning best practices

### Udevs – ML Intern

June 2023 – September 2023

Tashkent, UZB

- Implemented ML data preprocessing pipelines, improving model accuracy by 15% through feature engineering
- Optimized ML pipeline deployment, reducing processing time by 30% using Python and scikit-learn

## PROJECTS

### Porla — Telegram Learning Management System | Python, Aiogram, Django

March 2024 – Present

- Built comprehensive LMS serving 250+ daily students with 90% completion rate via interactive modules
- Developed mentor dashboard with analytics, improving learning outcomes by 35% through engagement insights

### didattica.uz Backend | Django, PostgreSQL

February 2024 – Present

- Architected Django backend serving 1000+ concurrent users through efficient caching and DB optimization
- Integrated telegra.ph image hosting, reducing server costs by 70% while maintaining 99.9% availability

### Personal Blog Platform (ollayor.uz) | Flask, PostgreSQL, Redis

November 2023 – Present

- Built full-stack blog platform serving 20+ articles with 95% uptime using Flask/PostgreSQL/Redis stack
- Reduced page load times by 60% through Redis caching with intelligent SimpleCache fallback

### Telegram Bot Ecosystem | Python, Aiogram, Web Scraping

November 2023 – Present

- Built 5+ production bots with web scraping, serving 2k+ users at 95% satisfaction rate
- Integrated OpenAI Whisper API for transcription, processing 100+ files daily with 95% accuracy

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, SQL

**Backend:** Node.js, NestJS, Express.js, Django, Flask

**Databases:** MongoDB, PostgreSQL, SQLite

**Tools:** Git, Gitlab/Github, RESTful APIs, Docker, CI/CD

**Languages:** Uzbek (Native), English (Intermediate)