

Saidamir Bobojonov

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EDUCATION

Khujand State University - Khujand, Tajikistan

May 2025

Bachelor of Science in Software Engineering & Computer Science

EXPERIENCE

FNF Global Inc. | Backend Engineer | Khujand, Tajikistan (U.S.-based)

Nov 2025 - Feb 2026

- Architected production-grade LMS platform into independently deployable microservices using Node.js and Django REST Framework deployed via Docker and Kubernetes
- Designed Kafka-based asynchronous event pipeline decoupling notification and processing services across distributed backend infrastructure
- Built Google Drive API integration automating document organization, access control, and reporting workflows across internal systems
- Optimized PostgreSQL schemas and indexing strategies for multi-tenant workloads reducing query latency by ~30%
- Configured Nginx reverse proxy with Gunicorn workers and S3/MinIO object storage for scalable media delivery architecture

Cultural & Historical Complex of Khujand Fortress | Software Developer & Project Coordinator

Dec 2024 - Nov 2025

Khujand, Tajikistan

- Developed and maintained institutional platform using Django, PostgreSQL, and custom administrative tooling for dynamic content management
- Engineered QR-based exhibit labeling and visitor information system reducing manual coordination overhead across departments
- Authored technical grant proposals for EU and CIS-region cultural preservation digitization programs

Federal Institute for Materials Research and Testing (BAM) | Python Programmer Intern

Jun 2024 - Aug 2024

Berlin, Germany

- Developed Python automation pipelines and ML models using scikit-learn for structural defect detection improving classification accuracy by ~40%
- Engineered end-to-end data ingestion and preprocessing workflows reducing analyst preparation time by 45%
- Collaborated with cross-functional research teams integrating automated workflows into existing laboratory systems

Technology Park, Khujand State University | Software Developer & Project Coordinator

Apr 2020 - May 2024

Khujand, Tajikistan

- Developed and maintained institutional web platforms using Django and PostgreSQL serving production academic environments
- Built internal automation systems streamlining university operations and reducing administrative overhead
- Contributed technical grant documentation supporting successful university digitization initiatives

PROJECTS

LMS Microservices Platform | *Node.js, Django, FastAPI, Kafka, Docker, Kubernetes, PostgreSQL, Redis*

[GitHub](#)

- Developed production-grade multi-tenant LMS supporting authentication, course delivery, real-time Kafka notifications, and scalable Kubernetes deployment
- Integrated Google Drive API workflows for automated enterprise document management across platform services

Internship Automation (BAM Berlin) | *Python, scikit-learn, ML, Data Pipelines*

[GitHub](#)

- Built ML-based structural defect classification pipelines achieving ~40% improvement over manual testing baselines
- Developed Python automation tooling for laboratory preprocessing and model training workflows

pulatov-school.tj | *Django, PostgreSQL, CMS, Full Stack*

pulatov-school.tj

- Developed live school management platform with CMS, administrative tooling, QR systems, and dynamic content delivery infrastructure

CERTIFICATIONS

- Certified Internship Python Programmer (2024) - Federal Institute for Materials Research and Testing (BAM), Berlin

SKILLS

Languages: Python, JavaScript, SQL, Java, Typescript, Bash

Frameworks: Django, Django REST Framework, FastAPI, Node.js (Express), React.js/Next.js

Databases: PostgreSQL, MySQL, MongoDB, Redis

Infrastructure: Docker, Kubernetes, Kafka, Nginx, Gunicorn, S3/MinIO, CI/CD, REST APIs, Microservices

Tools: Git, PyTest, Google Drive API