

Amirbek Shomurodov

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Summary

Software engineer with over a year of commercial development experience in test automation (API, Web UI, Performance), web and backend development. A results-oriented problem solver, focused on delivering high-quality solutions, a passionate learner, and an active team member, always ready to share knowledge and learn from others.

Education

Brunel University London 🌐

Computer science (Artificial Intelligence)

Computer Science/Bachelor of Science

2022-2025

- **Courses:** Advanced Topics in Computer Science, Software Engineering, Artificial Intelligence, Cybersecurity
- **Awards:** Participant in Brunel Venture Competition 2025, **UKIEPC Contestant**

Experience

Yumee

Software Engineer Intern

London, Uk

- Optimized and tested APIs for a high-traffic, client-facing application, enhancing system performance and user experience by 20% through systematic refinements.
- Applied Java and Agile methodologies to boost API efficiency and seamlessly integrate user feedback mechanisms, improving overall service quality
- Led a critical initiative during peak usage periods to refactor slow API response times, achieving a 25% increase in efficiency and a significant reduction in server load.
- Utilized a rolling deployment strategy to integrate new API features, ensuring zero downtime during feature integration maintaining full functionality.

PDP Academy

Software Mentor & Frontend developer

Tashkent.Uzbekistan

6/2019- 02/2020

- Spearheaded the development and design of multiple educational websites, focusing on intuitive UI aesthetics and enhanced functionality to support diverse learning experiences.
- Engineered a responsive website's UI, developing a comprehensive design system and color scheme that improved user engagement and accessibility across devices.
- Collaborated with cross-functional teams to integrate backend services, ensuring seamless data flow and enhancing website performance and scalability.
- Mentored junior developers, providing guidance on best practices in web development, which improved team efficiency and project output quality.
- Implemented user testing and feedback loops to iterate on design elements, leading to a 30% increase in user satisfaction and retention rates.

Logistic HR Web Application

10/2025-Present

- Built a full logistics platform with secure authentication, HR dashboards, and a multi-step driver application workflow.
- Developed a Go REST API with JWT auth, user/driver management, MinIO document storage, and email notifications.
- Built a React + TypeScript frontend with kanban boards (dnd-kit), rich filtering, progress tracking, and PDF exports.

Redis, postgresql, Go, React.js, Monolith

Covid-19 Detection Web Application 🌐

09/2024 - 02/2025

- Developed an end-to-end web application that utilizes Convolutional Neural Networks to detect COVID-19 from chest X-ray images.
- Implemented and fine-tuned deep learning models to achieve high accuracy in image classification.
- Designed and tested a user-friendly interface for efficient image uploads and results visualization. Successfully deployed the application on Heroku, ensuring operational stability and access.

Deep Learning, CNN, Python Flask

Full-Stack Developer 🌐

09/2024 - 12/2024

- Developed an autonomous pipeline which handles automatic application builds, tests and deployment.
- Designed a user interface and optimized it with results drawn from user testing and feedback
- Created and presented the project's pitch deck to an audience of 100+ people.

Node.js, React.js, Express.js

ELBE 🌐

10/2023 - 3/2024

- Built an e-commerce platform based on Shopify API for emerging designers in London.
- Implemented a page for customers to preview digital fashion items in 3D.
- Developed a design system that represents the mission of the platform in aesthetically pleasing user interface.

React.js, Figma

TECHNICAL SKILLS & INTEREST

Proficient

Python, JavaScript, React.js, Node.js, Go, Postgresql, MongoDB

Prior experience

Java, Python Flask,

Interest

Devops & Networking, Boxing