Amirbek Shomurodov

Software Engineer
+44 7397587009 | Amirbek.shomurodov01@gmail.com | github.com/Amirbeek | linkedin.com/in/amirbekshomurodovakmal

SUMMARY

Software engineer with over a year of commercial development experience in test automation (API, Web UI, Mobile, Performance), web and backend development and data science. 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   London.Uk
Computer Science/Bachelor of Science   *9/2022- 07/2025*
- *Courses*: Advanced Topics in Computer Science, Software Engineering, Artificial Intelligence, Cybersecurity
- *Awards*: Participant in Brunel Venture Competition 2025, UKIEPC Contestant

WORK EXPERIENCE

Yumee   London.Uk
Software Engineer Intern   *1/2024- 05/2024*
- 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   Tashkent.Uzbekistan
Software *Mentor & Frontend developer*   *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.

PROJECTS

Covid-19 Detection Web Application
Independent Developer   *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.

MiniDesk
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.

ELBE
Front-end Developer & UI Designer   *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.

Flight Booking System
Team Leader   *09/2022 - 2/2023*
- Developed a Java GUI-based flight system to streamline airport operations.
- Led a team of developers, maintaining high standards for code quality and project timelines.
- Presented the system to stakeholders, effectively communicating its features and benefits.

VOLUNTARY ACTIVITIES

- Taught programming to children at community workshops, introducing basic coding skills and fostering early technological interest.
- Coordinated cultural and sporting events for the Uzbek community, enhancing engagement and fostering inter-society competitions.
- Contributed to open source on GitHub (e.g. GitHub Globe, Tintrove, Galaxy Visualization)

TECHNICAL SKILLS & INTEREST

Proficient: Python, MySQL, TypeScript, JavaScript, React.js, Gatsby.js, MongoDB, Node.js
Prior experience: Java, React Native, R, Flask
Interest: LLM Engineering, Boxing