

Amirbek Shomurodov

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SUMMARY

- Developed and optimized high-traffic APIs using Node.js, Express.js, and Spring Boot, resulting in a 25% improvement in system performance and user experience.
- Led API refactoring projects that reduced server load and streamlined operations, enhancing efficiency by 25%.
- Proficient in full-stack development, utilizing Java, Python, React, and Next.js to build scalable, secure applications.
- Managed cloud infrastructure with AWS, ensuring secure authentication through JWT and bcrypt, and integrating RESTful APIs.
- Demonstrated expertise in debugging, troubleshooting, and automating processes, delivering consistent, reliable software solutions.
- Presented technical solutions to clients and teams, improving communication and project clarity.
- Adaptable and versatile in backend and frontend development, DevOps, and software architecture, consistently driving innovative results.

EDUCATION

Brunel University London

London, UK | 09/2022 - 07/2025

BSc (Hons) Computer Science(Artificial Intelligence)

- Focused on Software Development and Management, Algorithms and their Applications, Usability Engineering, and Networks and Operating Systems.

Brunel University London Pathway College

London, UK | 09/2022 - 07/2023

Computer Science

- Introduction to Programming, Group Project, Logic and computation, Bussiness computing

Additional Courses:

- Machine Learning A-Z: AI, Python & R (Udemy)
- 100 Days of Code: The Complete Python Pro Bootcamp (Udemy)
- NodeJS – The Complete Guide (MVC, REST APIs, GraphQL, Deno) (Udemy)
- JavaScript Data Structures & Algorithms + LeetCode Exercises (Udemy)
- Frontend Developer Course – Completed (2019)

RELATED WORK EXPERIENCE

Yumee App

London, UK | 01/2024 - 06/2024

Software Engineer Intern

- Assisted in optimizing and testing APIs for a high-traffic, client-facing application, improving system performance and user experience by 20%.
- Utilized Java and Agile methodologies to enhance API efficiency and integrate user feedback mechanisms effectively.
- During peak hours, the API response times were slow. I led a team to refactor and optimize the existing code, resulting in a 25% increase in efficiency and a 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 | 06/2019 - 01/2020

Software Engineer Intern

- Engaged in agile development environments to enhance educational software features and functionalities. Implemented Agile, Scrum, and XP methodologies, to streamline the team's workflows.
- Coordinated with product owners to define clear project scopes, which led to more targeted and effective feature developments.
- Addressed inefficient development processes by implementing a modified Scrum framework, resulting in enhanced project flow and a 20% reduction in cycle times.
- Lack of effective communication among team members. Introduced daily stand-ups and integration tools. Improved team synergy and project alignment.

RELATED PROJECT EXPERIENCE

Flight Booking System

Web application written with **Java Swing**

- Engineered an intuitive flight booking system using **Java Swing**, integrating interactive maps to streamline user navigation.
- Boosted transaction efficiency by 40% through optimized booking workflows and a user-friendly interface, enhancing overall customer satisfaction.

Secure User Authentication System

Web application written with **Java Spring Boot and React**

- Developed a robust user authentication platform with Java Spring Boot and React, featuring JWT-based session management and bcrypt encryption for secure password storage.
- Implemented RESTful APIs for seamless frontend-backend communication, enforcing strict CORS policies to ensure secure cross-origin data transfer.

Fullstack E-commerce Website

Web application written with **Next.js, MongoDB, Tailwind, and Styled Components**

- Designed and built a comprehensive e-commerce platform with a fully-functional admin panel for product and order management.
- Optimized mobile responsiveness, improving accessibility by 30%, and integrated Stripe for secure payment processing using webhooks for real-time order management.

Bookshop Website

Web application written with **Node.js, Express.js, MongoDB, and Mongoose**

- Designed and built a comprehensive e-commerce platform using Next.js, MongoDB, Tailwind, and Styled Components, with a fully-functional admin panel for product and order management.
- Optimized mobile responsiveness, improving accessibility by 30%, and integrated Stripe for secure payment processing, utilizing webhooks for real-time order management.

EXTRACURRICULARS

- Participated in the **UKIEPC 2024-2025 programming contest and HackBrunel**
- Solved algorithmic problems on **LeetCode**

SKILL

Programming Languages: Java, JavaScript, Python, R

Technologies: Spring Boot, Git, Pandas, HTML, CSS, React, JWT, bcrypt, APIs, CORS, MySQL

Other Skills: Object-Oriented Design, Design Patterns, Algorithms