BOTIR KHALTAEV

Software Engineer

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Linkedin | GitHub | Portfolio | LeetCode

EDUCATION

Royal Holloway University of London London
Bachelors Computer Science with AI 2022 - 2026
Percentage: 85%%

EXPERIENCE

Fashion AI | Software Engineer Intern London, UK | November 2023 - Present
- Led the development of a sophisticated authentication system for Competiio, integrating Auth0 with Next.js and Spring, and designed a highly interactive competition interface, significantly enhancing user engagement and operational efficiency.
- Implemented Redis to optimize database interactions, reducing calls by 15% for real-time updates, and applied advanced search algorithms in Spring, markedly improving data retrieval speed and accuracy

Kreativstorm | Frontend Engineer Intern Berlin, Germany | July 2023 - August 2023
- Developed and deployed visually appealing websites with HTML, CSS, and JavaScript, boosting user engagement by 30% and reducing bounce rate by 20%; played a key role in enhancing site loading speed by 15% through collaborative performance optimization.
- Utilized user interaction data to refine website design, achieving a 15% increase in session duration and a 10% uplift in conversion rates, demonstrating a data-driven approach to user experience improvement.

SKILLS

Programming Languages:	TypeScript, Python, Java, C , JavaScript, Bash, Go
Libraries/Frameworks:	React, Angular, Node.js, Django, Pandas, Spring, Next.js, Tailwind
Tools / Platforms:	Git, Github Actions, Jenkins, NPM, Docker, Postman, Trello, Slack, AWS, Linux, Unix
Databases:	MySQL, PostgreSQL, MongoDB

PROJECTS / OPEN-SOURCE

kanban | Link *TypeScript, React, Tailwind, Next.js, Python, PostgreSQL*
- Led the design of a Kanban Task Management App using Django and Python; streamlined multi-project management through innovative column customization and a multi-board system, enhancing workflow efficiency.
- Engineered the backend with Python, Django REST Framework, and MongoDB, focusing on scalable and efficient data management; significantly improved app functionalities and user interaction capabilities

travel.io | Link *TypeScript, React, Next.js, Python, Java, MongoDB*
- Developed Travel.io using Next.js and React for front-end and Java, Python for a microservices backend, integrating OpenAI API to prototype personalized travel plans, processing 20+ simulations.
- Implemented software engineering best practices to achieve a scalable platform with 95% uptime in test environments and support for 10+ concurrent users, laying groundwork for system reliability and user engagement.

GeoLocator | Link *JavaScript, React, REST,*
- Engineered an IP-based geographical visualization web application, integrating OpenLayers with IPify for real-time data mapping; focused on seamless data integration and interactivity using React.
- Enhanced user experience by implementing responsive design for various devices and ensuring robust error handling, along with efficient JSON data processing for interactive displays.

CERTIFICATIONS

- Responsive Web Design - **FreeCodeCamp**
- Frontend Development Libraries - **freeCodeCamp**
- Skyscanner Software Engineering Job Simulation - Forage.

HONORS & AWARDS

Placed 5th place at Royal Hackaway 2023

Qualified for TCS CodeVita Season XI