

Bakhomious Basta

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ABOUT

A multiparadigm programming enthusiast with experience in building scalable applications and designing efficient systems. Passionate about optimizing performance and enhancing code quality through best practices and innovative solutions.

WORK EXPERIENCE

Software Engineer — Tata Consultancy Services

June 2023 – Present

Budapest, Hungary

- Collaborating in an Agile team to develop and deliver new features for ERP and CMS systems. Expanding backend APIs to handle complex business logic, improve architecture, and reduce technical debt.
- Designed and developed an Authorization Server with Spring Security 6 for SSO Federated Authentication, Client Credentials (M2M), and Resource Owner Password Grant. Paired with an API Gateway using Spring Cloud Gateway. Reducing latency by 50% and solving 90% of reported vulnerabilities.
- Developed from scratch to production an Intranet Portal using Spring Boot 4, Redis, React 19, TypeScript, Docker and AWS services. Allowing 300+ business partners to access information about their CMS system and monitor real-time data.
- Automated release management process with TypeScript and Jenkins pipelines, reducing deployment sanity check time by 70%.
- Upgraded Java versions from 11 to 21 and modernized legacy Spring 2.x codebases to 3.x standards.
- Deploying and managing CI/CD pipelines using Jenkins, Spinnaker, and AWS.
- Mentored frontend and backend tracks for the company's annual internship program.

Undergraduate Teacher Assistant — University of Debrecen

February 2023 - January 2024

Debrecen, Hungary

- Instructed over 40 students in C and Java programming across two semesters, achieving a 60% increase in success rate.
- Automated grading of programming exams using language parsers, static code analysis and runtime evaluation.

EDUCATION

2021 - 2024 Bachelor of Science in Computer Science — University of Debrecen

(GPA: 4.75/5.0)

- A Stipendium Hungaricum Scholarship holder.
- First Place in the Scientific Students' Association Conference 2024.
- Received Student Memorial Medal for academic excellence.

CERTIFICATIONS

2026 GitHub Copilot Certification — Microsoft Learn

SKILLS

Programming Languages Java, JavaScript/TypeScript, Python, SQL, Bash
Technologies Spring Boot, Docker, Git, AWS, Jenkins, Maven