

# Bakhomious Basta

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## ABOUT

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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

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**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 using RESTful APIs.
- Designed and developed an Authorization Server with Spring Security 6 for SSO Federated Auth, 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.
- Upgraded Java versions (11 → 21) and modernized legacy Spring 2.x codebases to 3.x standards.
- Deploying and managing CI/CD pipelines using Jenkins, Spinnaker, AWS, and Istio.
- Expanding backend APIs to handle complex business logic, improve architecture, and reduce technical debt.
- 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 various semesters, achieving a 60% increase in success rate.
- Received a research scholarship for conducting research on static code analysis in C language programs.
- Prepared engaging lab materials encompassing a broad range of technologies, including Maven, Git, Jackson and Lombok. Introduced students to hands-on implementations of Data Structures and Algorithms.
- Automated attendance tracking using RESTful APIs and university cards' QR code.
- Automated grading of programming exams using language parsers, static code analysis and runtime evaluation.

## EDUCATION

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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.

## SKILLS

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