# Natalia Pospieszyńska | Backend Software Engineer

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Trutnov, Czechia | Remote

## Summary

Backend Software Engineer with a strong foundation in software testing and 2 years of experience in backend development in TypeScript and Node.js. Successfully led the development of the backend features and optimized internal APIs to improve performance. Eager to continue developing expertise in DevOps and full-stack engineering in remote teams.

## Work Experience

### Backend Software Engineer – Capbase | April 2021 – July 2022

* Implemented and enhanced new product features in TypeScript, Node.js, and React, improving user experience and addressing customer feedback.
* Developed and optimized an internal API with Express.js and AWS, enabling seamless data integration.
* Diagnosed and resolved technical issues, improving application stability.
* Wrote and maintained comprehensive unit and integration tests, ensuring high code quality and bugs reduction.

### Frontend Software Engineer – Beta District | December 2019 – August 2020

* Developed reusable components in React and TypeScript, improving code consistency and speeding up the development process for future features.
* Implemented unit and integration tests using Jest and React Testing Library, ensuring high code reliability and significantly reducing bug occurrences.

### Software Test Engineer – Beta District | January 2019 – November 2019

* Remotely mentored a QA specialist, introducing programming and test automation practices, which enhanced the team's testing efficiency and technical capabilities.
* Developed and maintained automated tests in JavaScript and Ruby, improving test coverage and helping ensure consistent product quality throughout the release cycle.
* Contributed to frontend development by implementing basic functionalities in React, supporting the timely delivery of key features alongside the development team.

### QA Specialist – Beta District | February 2018 – December 2018

* Conducted manual functional and API testing using Burp Suite and Postman, ensuring reliability and preventing major issues before deployment to production.
* Collaborated closely with developers to implement new functionalities, providing critical feedback that improved product quality and streamlined the development process.
* Learned and applied test automation using JavaScript and Ruby, contributing to enhanced test coverage and overall improvement in the team's testing process.
* Performed post-release production environment testing using manual testing techniques, identifying and resolving issues that maintained system stability and reliability.

### Junior QA Specialist – Beta District | April 2017 – January 2018

* Performed manual testing to identify and document defects, ensuring high-quality software products and preventing critical issues before release.
* Proposed and implemented more efficient testing procedures, streamlining the process and reducing test execution time.
* Actively identified and reported bugs, suggesting improvements that contributed to enhancing the overall quality and performance of software projects.
* Actively learned new concepts and techniques in manual and API testing, applying these insights to improve the team's testing effectiveness and product quality.

## Education

### Polish Naval Academy (Gdynia, Poland)

Postgraduate studies, **Cybersecurity**

2019–2020

### Adam Mickiewicz University (Poznań, Poland)

Master studies, **Philosophy**, Social Communication

2013–2016

### Post-Secondary Vocational School (Poznań, Poland)

Technician, **Sound Engineering**

2011–2013

### Adam Mickiewicz University (Poznań, Poland)

Bachelor's degree, **Instructional Technology**

2010–2013

## Skills

### Technical Skills

* **Programming Languages:** JavaScript, TypeScript, Ruby, Bash
* **Backend Technologies:** Node.js, Express.js, REST API, GraphQL, SQL, NoSQL, DynamoDB, PostgreSQL
* **Cloud Platforms:** Amazon Web Services (AWS)
* Frontend Technologies**:** React, Svelte, Vanilla JS, HTML, CSS, Tailwind
* Testing & Automation**:** Jest, Postman, Puppeteer, Burp Suite, Test Automation, Unit Testing, Security Testing
* **System Design & System Architecture:** Distributed Systems, Microservices, Serverless
* **Diagramming & Technical Documentation:** PlantUML, Structurizr, Graphviz, TikZ, LaTeX
* **Software Engineering:** Algorithms and Data Structures, Code Review, Debugging, Software Craftsmanship
* **Version Control & Collaboration:** Git, GitHub, Linear, Obsidian
* **Operating Systems:** Linux

### Soft Skills

* Adaptability
* Analytical Skills
* Asking Questions
* Attention to Detail
* Collaboration
* Continuous Learning
* Critical Thinking
* Growth Mindset
* Mentoring
* Open-Mindedness
* Openness to Feedback
* Persistence
* Problem Solving
* Remote Working
* Resilience
* Self-Motivation