

BOGDAN MIHOCI

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[Portfolio](#)

LinkedIn



JUNIOR FULLSTACK DEVELOPER

PROFESSIONAL PROFILE

I am a Junior Full Stack Developer with experience in designing, documenting, testing and implementing new, custom applications for commercial use. In my work, my goal is to seamlessly blend the demands of modern business with the world of technology.

As an enthusiastic, passionate and motivated person, I am keen to analyze complex requirements and to develop an in-depth understanding of the company's needs and objectives, by creating solutions that add value and increase efficiency. I pride myself in my ability to build user-friendly interfaces and continuously optimize the code for faster performance. My goal-oriented mindset, prompt troubleshooting and problem-solving skills help me ensure the timely completion of all my projects. I am keen to learn new technologies and new programming languages.

EDUCATION

COMPUTING & IT

BSc, Open University

2014 – 2020

EXPERIENCE

Junior Full Stack Developer

Hatcher Components / November 2019 – Present

- Developed a bespoke software solution for Hatcher Components:

Quality Management System (QMS)

A software solution that helps the company to easily manage aspects of its quality program. The application is a user-friendly, web-based software applications that manages, tracks and reports all the company's non-conformances in real-time. It streamlines the complaint process, from client rejection through investigation, root cause analyses all the way to resolution.

Logs

Custom system designed for logging in all details of internal and customer non-conformances, implementing corrective actions allowing efficient case monitoring and providing data analyses tools.

Root Cause Analysis

Report, track and react to defects and quality nonconformances within your operations. Launch investigations and find the root cause of the nonconformance using a variety of methodologies, including the process audit checklist, fishbone (Ishikawa) diagram and 5 WHY.

Costs

Keep track of all costs involved with each non-conformance, either internal or external.

Development Process:

1. connected with stakeholders to elicit requirements
2. wrote /reviewed product requirements
3. wrote /reviewed design documents
4. developed the application model and presented to senior management
5. wrote/reviewed test cases and test strategy for both frontend and backend
6. performed unit test and integration tests
7. containerized the application and deployed it to the company's server
8. Technologies used:

a) Front End:

- JavaScript (ES6)
- HTML, CSS
- ReactJS (react hooks, redux)
- Typescript
- Node (npm)
- Testing:
 - UI unit tests (Jest)
 - UI integration tests (Protractor)

b) Back End:

- Java
- Spring Boot (REST API Framework)
- Spring Security (authentication and authorization - JWT)
- Testing:
 - Unit tests (JUnit 5)
 - Integration tests (Spring Test Context Framework)
- Database (Hibernate/Spring data JPA + MySQL)

c) Deployment

- Docker and Docker Compose

[Live Demo](#)

[Source code](#)

For more details and more projects [check out my portfolio.](#)

PRODUCTION MANAGER ASSISTANT

Hatcher Components / November 2013 – November 2019

- Collaborated on the Manual Manufacturing to a PLC Factory Automation System Upgrade project
- Programmed an automated production system in under 5 weeks using Ladder Logic language
- Created instructions and guidelines for assembly and fitting processes
- Coordinated the assembly work, ensuring high product quality
- Planned materials to support workshop production

FOREMAN

Hatcher Components / April 2012 – November 2013

- Managed a team in the Finishing and Assembly Department
- Supervised, coordinated, and scheduled on-site activities, assisted workers and arranged for maintenance and machinery repairs

ASSEMBLER

Hatcher Components / February 2011 – April 2012

- Interpreted schematic diagrams and engineering specifications, and conducted quality checks on finished products

CORPORAL (LOGISTICS DIVISION)

Romanian Army / January 2008 – February 2011

- Received basic military, survival, first aid and fitness training

LANGUAGES

ENGLISH: Fluent

ROMANIAN: Native

OTHER TECHNOLOGIES I AM FAMILIAR WITH

AWS	RESTful Web Services	Docker Compose	Intelij IDEA
Hibernate	Postman	Git	Visual Studio Code
Spring Framework	JWT Authentication	Heroku	Docker