ALEXANDRU IERCOSAN-LUCACI

BACKEND JAVA DEVELOPER

About Me

I'm good problem solver, analytical thinker with an accent on delivering the most durable and scalable solution. I work mostly with Java backend systems, but I am also knowledgeable about additive manufacturing software and hardware development.

Contact

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Skills

- Java technologies
  - Maven / Gradle
  - Hibernate / JDBC / HQL / SQL
  - JMS / ActiveMQ
  - Jetty / Javalin / Spring Boot
  - SLF4J / Log4j
- Git version control system
- CI/CD workflow
- Linux systems
  - Scripting with bash & python
  - System management (systemd)
  - Advanced networking, including site-to-site tunneling
- Basic CAD skills
- 3D printer usage, design and maintenance

Languages

- Romanian   *Native Speaker*
- English   *C1*
- German   *A2*

Education

Faculty of Automatic Control and Computers
University Politehnica of Bucharest   **2018 - 2022**

I recently graduated at Faculty of Automatic Control and Computers. In the 2022 spring semester I taught Digital Electronics Laboratory lessons with overwhelmingly good feedback.

Experience

S&P Market Intelligence   **September 2022- present**
Backend Java Developer

At S&P, I mostly work on building and maintaining Flex/Yacc-based parsers. I am responsible for keeping the parser up to date, to accept new input patterns as defined by the bussiness specification team.
I also sometimes work on maintaining our messaging parsing architecture, including database migrations, protobuf definitions and performance monitoring.

Hecate Association   **October 2021 - October 2022**
Backend Java Developer (Freelancing activity)

At Hecate I am responsible with the development of our entire incident monitoring and distribution system. Our architecture is based on microservices that communicate over a central messaging queue.
Our systems are fully-scalable (both horizontal and vertical) and fault-tolerant. The components are implemented in Java, using enterprise technologies: Hibernate, JDBC, JMS, ActiveMQ.

Contact: https://disparut.org / bogdan@disparut.org

The Urban Development Association   **April 2022 - June 2022**
Docker Integration Developer and 3D Printing Technician (Freelancing activity)

I am responsible for developing an integration between an image database and a 3D printer used to create learning sheets for blind learners.
Images are fed though a pipeline that has multiple stages (conversion to stereolitography, slicing with given parameters, printing). The 3D printers require extensive calibration and attention to detail to perform optimally.

Contact: https://procivic.ro / dan.patzelt@procivic.org