Ferrari Davìd

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Professional Summary

I'm a software engineer with a Bachelor's degree in Physics and ongoing advanced studies in Artificial Intelligence. My background provides a strong foundation in logical problem-solving and analytical thinking, enriched by a deep passion for computer systems and security.
Dedicated to continuous learning and innovation, I value collaboration and knowledge-sharing, believing that a cooperative approach is essential for both personal and organizational growth.

Skills

Java (8 to 17)

- Core Java: Daily practice, coding challenges, and exercises.
- J2EE: RESTful services development.
- Grizzly: Configuration and deployment of HTTP/HTTPS servers.
- Netty: Implementation of custom protocols and drivers for security middleware.
- JUnit: Integration testing and test strategy development.

Docker

- Jenkins Pipelines: Configuring Docker workers for CI/CD.
- Multi-Node Environments: Local setups for enterprise applications.
- Legacy Builds: Created environments for legacy components.

Linux

- Intermediate Administration: System management and resource monitoring.
- Command Line Tools: Proficient in sed, awk, and typical UNIX tools.
- Bash Scripting: Legacy builds, automation, and environment orchestration.

Additional Tools

- Maven: Build automation and dependency management.
- Jenkins: CI/CD pipeline management.
- Git/BitBucket: Version control and repository management.
- OpenLiberty: Application server management.
- PostgreSQL: Shared database among application components.

Additional Languages

- Python3: Scripting and automation.
- C: Systems programming and maintenance of legacy components.
- JavaScript: Frontend development.
- Groovy: Scripting, Jenkins pipelines and Java integration.

Professional Experience

Software Engineer
Primeur srl, Milan
06/2023 – *Present*

- Developed and maintained a Java enterprise application;
- Secured web-based components against OWASP Top Ten vulnerabilities;
- Performed general DevOps activities;
- Implemented a machine learning model for domain-specific predictions.

IT Analyst
CAMS srl, Bologna
01/2022 – *04/2023*

- Developed the company website and customer care system;
- Performed various internal IT activites;

Education

Bachelor's degree in Physics,
Alma Mater Studiorum, Bologna, *2023*

Master's degree in Artificial Intelligence,
Alma Mater Studiorum, Bologna, *Present*