Abderrahmane Kotbi
Software Development Engineer

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Enthusiastic about research and open source. With curious, adaptable, and collaborative nature, I excel in diverse teams. My particular interest lies in exploring the potential of artificial intelligence (AI) and model driven engineering (MDE) to address upcoming challenges.

🏛 Education

❯ **National School of Computer Science and Systems Analysis, Rabat** 🔗 ENSIAS	2019 – 2022
❯ **Scientific preparatory classes, Ibn Tahir Center, Errachidia** 🔗 CPGE MPSI/MP	2017 – 2019

💼 Professional Experiences

❯ **Software development engineer at Amazon Web Services (AWS), Rabat** July 2022 – Present
- ❯ Contributed to the migration of legacy applications to cloud-native solutions using AWS BluAge.
- ❯ Transformed and optimized legacy applications for enhanced efficiency and agility in cloud adoption.
- ❯ Led refactoring projects using industry-standard refactoring rules and best practices.
- ❯ Collaborated within the migration team and delivered technical lectures to share insights.
- ❯ Used various tools, technologies, and approaches such as Git, Asana, Java, Spring Batch, Jenkins, Linux, Regex, AWS Code Commit, BluInsights, Scrum, and SonarQube.

❯ **Intern at Amazon Web Services (AWS), Rabat** March 2022 – June 2022
- ❯ Transformed and optimized legacy applications for enhanced efficiency and agility in cloud adoption using AWS BluAge.
- ❯ Used various tools, technologies, and approaches such as Git, Jira, Java, Spring Batch, Oracle Database, Jenkins, Linux, BluInsights, Scrum. 🔗 Report

❯ **Intern at Internationale university of Rabat (UIR), Rabat** June 2021 – September 2021
- ❯ Develop a platform that manages and monitors delegated urban transport contracts for the state.
- ❯ Centralise data and automate reports and dashboards generation using various tools in Web Development and data analysis such as Microsoft PowerApps and PowerBI.
- ❯ Use Microsoft PowerApps and PowerBI to create interactive dashboards that provide accurate information and improve user accessibility. 🔗 Report

❯ **Intern at Afnane Studio, Khémisset** Juin 2020 – Juillet 2020
- ❯ Develop a web application for project management and monitoring using Angular, Java, Spring and ORACLE.

❯ **Open Source Contributions**
- ❯ Contribution to VSCode « code snippets » extension for Spring boot development. **Tools:** NodeJS, JSON | **Duration:** One week | 🔗 GitHub Repository
- ❯ Contribution to the realization of unit tests in C for the programming language One. Created a docker image deployed to a DockerHub repository to run these tests. Automated this process using GitHub Actions. **Tools:** C, Docker, Yaml, Github Actions, CMake, Makefile, pre-commit | **Duration:** Three months | 🔗 GitHub Repository, 🔗 Repository DockerHub
- ❯ Contribution to the realization of the new website of the One project. **Tools:** HTML, CSS, JavaScript, Github Actions, pre-commit | **Duration:** Two weeks | 🔗 GitHub Repository
- ❯ Gathering my proposals for « competitive programming » problems in Java in a GitHub repository. Created a YouTube channel to explain my solutions. **Tools:** Java 11, Gradle (Maven dans une ancienne version), Yaml, Github Actions | **Duration:** Since March 27th, 2021 | 🔗 GitHub Repository, 🔗 Youtube channel
- ❯ Creation of a web application for the management of a clinic using JakartaEE. **Tools:** JakartaEE, Tomcat, MySQL, Maven, Docker, Docker compose | **Duration:** Two months 🔗 GitHub Repository

🏅 Certifications

❯ **AWS BluAge** Modernize black belt. 🔗 AWS Blu Insights

❯ **Google** Building Scalable Java Microservices with Spring Boot and Spring Cloud. 🔗 coursera.org

❯ **EF Standard English Test (EF SET)** EF SET English Certificate 73/100 (C2 Proficient). 🔗 efset.org

🌐 Languages

❯ **English** Professional proficiency.   ❯ **French** Professional proficiency.   ❯ **Arabic** Professional proficiency.