Rabah Chabane Chaouche

Algeria, Algiers

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Summary

Software engineer with expertise in Java and JavaFX for desktop applications. Experienced in writing technical articles and documentation using LaTeX, related to both academic and personal projects. Familiar with front-end web development and basic experience in PHP.

Skills

- **Programming Languages:** Java, PHP, Javascript.
- **Technologies:** JavaFX, PHPMailer, ANTLR4, RichTextFX, Apache POI.
- **Tools:** Git, Github, Vercel, LaTeX, MySQL, VS Code, Eclipse.

Projects

Mini_Compiler — *Java, RichTextFX, JavaFX, ANTLR4, NSIS* — GitHub
Built code editor with syntax highlighting, lexical/syntactic/semantic analysis, console logging, and MSI installer

Portfolio Website — *JavaScript, HTML, CSS, Vercel* — GitHub — Live Demo
Interactive retro terminal-style portfolio with command-line navigation and custom animations

E_Commerce Platform — *PHP, PHPMailer, MySQL, HTML, CSS, BoxIcons, JavaScript* — GitHub
Full-stack shopping platform with token-based authentication, email integration, and admin dashboard

Java Metrics Tool — *Java, JavaFX, Apache POI, NSIS*
Code analysis tool measuring software complexity metrics with Excel export, selective file analysis, and MSI installer

Articles

New Object Oriented Metrics — Article — Certifications
Research article on object-oriented software metrics for code quality assessment and analysis using regex

Education

Master's Degree in Software Engineering   *2022 - 2027*
University of Science and Technology - Houari Boumediene (USTHB)
Algiers, Algeria — 5-year program — Currently in 3rd year — Expected graduation: June 2027

Languages

- **Arabic(Basics)**
- **French(Fluent)**
- **English(Fluent)**
- **Kabyle(Native)**