

# Kribaa Chahine

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## Core Competencies

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- **Problem-Solving:** Skilled in diagnosing complex issues and implementing effective solutions in IT and programming to enhance system performance and reliability.
- **Rapid Adaptability:** Demonstrates proficiency in quickly mastering new technologies, tools, and software, adapting seamlessly to evolving environments.
- **Strong Interpersonal Skills:** Effective collaborator who fosters a positive team environment and communicates clearly across diverse groups.
- **Multilingual Proficiency:** Fluent in Arabic (native), English, and French, with a quick aptitude for learning new languages, facilitating cross-cultural communication.
- **Technical Proficiency:** Experienced in Python, Java, Flutter, and SQL, with a strong background in developing and optimizing software solutions.
- **Organizational Skills:** Proficient in Microsoft Office, git and github and other organizational software, excelling in task management, prioritization, and thriving under pressure.

## Professional Experience

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### Freelance Web Developer & AI Solutions Engineer

Remote

*January 2024 – Present*

- **Web Development:** Designed and developed responsive web applications using Next.js and Supabase, including a feature-rich e-learning platform for student-teacher interaction.
- **AI & Prompt Engineering:** Specialized in creating and fine-tuning AI agents to automate tasks and solve complex problems rapidly using prompt engineering techniques.
- **Client Collaboration:** Worked closely with clients to gather requirements, develop scalable solutions, and deliver high-quality results under tight deadlines.
- **UI/UX Design:** Utilized Figma and other design tools to craft intuitive user interfaces and improve user experiences.

### IT Intern

Algerie Qatari Steel – milia, Jijel

*July 2021 – October 2021*

- **ERP Systems Experience:** Gained hands-on experience with SAP ERP systems under the supervision of PwC and Seidor, contributing to the implementation of ERP solutions across 5 major departments.
- **Team Collaboration:** Collaborated with a team of 10+ IT professionals, enhancing teamwork skills and adapting to the organizational culture of a multinational company.
- **Technical Exposure:** Assisted with system configuration tasks, troubleshooting issues, and providing support.
- **Project Involvement:** Participated in key project that optimized ERP functionalities.

## Education

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### Master's Degree in System Information and Decision Support

Mohammed Seddik Benyahia – jijel

*september 2021 – september 2024*

- **Relevant coursework:** Decision Support Systems, Systems Design and Analysis, IT Project Management, Operations Research.

## Bachelor's Degree in Information Systems

Mohammed Seddik Benyahia – jijel

*september 2018 – june 2021*

- **Relevant coursework:** Database Management Systems, Software Engineering, Programming in Python and Java, Web Development, Systems Integration, Information Security.

## Certifications

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- **Digital Advertising Fundamentals** – Microsoft Advertising *August 2022*
- **Bachelor degree in information systems** – University Mohammed Seddik Benyahia *juin 2021*
- **Master's Degree in System Information and Decision Support** – University Mohammed Seddik Benyahia *September 2024*

## Projects

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### E-Learning Web App

*November 2024 - February 2025*

- Built a modern web application that allows students to reserve 1-on-1 sessions with teachers.
- Used Next.js for the frontend and Supabase for backend and authentication.
- Integrated modern UI/UX principles using Figma and responsive design practices.

### Team Orienteering Problem with Time Windows (TOPTW) Solution

*January 2024 – August 2024*

- Developed a new solution for the Team Orienteering Problem with Time Windows (TOPTW) using Iterated Local Search (ILS) in Python.
- Various optimization techniques were implemented.
- Analyzed and processed a large number of data points to improve the accuracy of the solution.

### Chat Room Application (Client-Server)

*January 2021 – June 2021*

- Created a chat room application using Java with a client-server architecture.
- Designed and developed features for user management and message handling.
- Implemented robust connection stability.

### Genetic Algorithms Implementation

*2022*

- Applied genetic algorithms to solve complex optimization problems.
- Utilized Python to code and test various strategies.
- Developed and tested over 5 different genetic algorithm strategies to optimize performance.

## Warehouse Management System

*2021, 2022, 2023*

- Developed a warehouse management system using SQL Developer and Java, optimizing inventory management and order processing.
- Designed and implemented database structures and user interfaces

## Technical Skills

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- **Programming Languages:** Python, JavaScript, Dart (Flutter), SQL.
- **Frameworks & Libraries:** React, Next.js.
- **Tools & Technologies:** Git, GitHub, Firebase, Supabase.
- **AI/ML Tools:** Prompt Engineering, AI Agents (task automation and problem-solving).
- **Web Design:** Figma, Responsive Design.
- **Operating Systems:** Windows.

## Additional Information

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- **Languages Spoken:**
  - **Arabic:** Native.
  - **English:** Fluent.
  - **French:** Intermediate.