

Hachem Zerban . Jarvis Consulting

Bilingual IT professional with 2 years of hands-on experience in IT support. Result-driven able to work in a fast-paced environment and able to handle difficult situations. Successfully developed organizational applications following design methodologies such as agile. Adaptable and consistent with an ability to work independently, communicate effectively with team members, and focus on improving technical solutions that further establish organizational goals. Proficient in a range of modern technologies including Java, C#, and SQL. Possess skills in Relational databases including Mysql, Microsoft SQL Server, and PostgreSQL.

Skills

Proficient: Java 8, Linux/Bash, RDBMS, Agile/Scrum, Git/GitHub, Maven, UML

Competent: C#, HTML/CSS, XML/XSLT, Docker, Windows/MAC, Android/IOS, Ms Office suite

Familiar: C, Network Management, Design patterns, Digital security, Cloud Computing

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_HachemZerban

Cluster Monitor [GitHub]: Developed a monitoring tool to continuously record essential resource usage data as well as hardware specifications using Linux Bash scripts, Docker, and PostgreSQL. The collected data will be used for future data analytics.

Core Java Apps [GitHub]:

- **Twitter App:**
- **JDBC App:** Developed a Java application to manage a relational database of a commercial website using Java, JDBC, PostgreSQL, Design Patterns, and Maven.
- **Grep App:** Developed a Java application that mirrors the Linux grep command functionality that enables users to search matching strings from files in any operating system and then store the search results in an output file. We used Java, Linux Bash, Regex, Maven, and Docker to build the app.
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Highlighted Projects

CSV File Manipulator: Coded a program in **C** that manipulate heavy CSV files from the Ministry of education to extract valuable data. Generated sub-CSV files that encompass specific data. Implemented different sorting algorithms to sort all records by specific criteria. Implemented a binary search algorithm to find certain records.

Car Dealerships Database: Designed database tables for car dealerships and built complex queries to gain valuable data insights that will be used for future marketing strategies to increase annual profit by 30%. Technologies used include **Microsoft SQL SERVER** and **Transact SQL**.

Professional Experiences

Software Developer, Jarvis (2021-present): Developed new applications and implemented solutions to various problems within the Jarvis team using **Java, Linux, Bash, IntelliJ IDEA, Maven, Docker and Git**. Built Databases and table structures following data modeling techniques. Created SQL queries using **SQL and PostgreSQL** to retrieve essential pieces of information. Collaborated with team members on the delivery of application code using Agile Scrum. Made suggestions on how to improve the current application by adding new features.

IT Technician, Globale Education Connections (2020-2021): Provided Technical support to level 1 users. Ensured the installation of hardware and software components. Updated hardware and software inventory. Configured equipment, perform installations for users. Carried out devices troubleshooting.

Education

College Saint-Michel (2019-2021), DVS in IT support and troubleshooting, Information Technology

UPF (2015-2018), Bachelor of Computer Science, Faculty of Engineering Science

Miscellaneous

- Solving Puzzles
- Soccer Player
- Reading