

Ibrahim Saber Mohamed

Software Engineer

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🐙 [git/ibrahimsaber1](#) | [in/ibrahim1saber](#) | 🏆 Completed

Objective:

Detail-oriented Software Engineer with expertise in Django, React, FastAPI, and modern web technologies. I thrive in collaborative environments where I can contribute to innovative solutions, optimize workflows, and enhance user experiences. Seeking opportunities to grow, tackle complex challenges, and make a meaningful impact in software development.

Education:

- **Graduate Studies, Biochemistry**, Sadat City University **2022 - 2023**
- **B.Sc. in Microbiology & Chemistry**, El Azhar University **2017 - 2021**

Internship:

- **Full Stack Web Development (Python Track)**, **May 2024 - Oct 2024**
Information Technology Institute (ITI), New Capital Branch
- **FWD Data Analysis challenger Track**, Udacity **Feb 2021 - Jun 2021**

Work Experience:

- **Software Engineer**, AROMA DESIGNS & SOLUTIONS, Cairo. **Dec 2024 - Present**
developed and optimized the production pipeline using OpenPyPe, integrating DCCs, asset databases, and task management tools. This involved extensive R&D and working with Python libraries like PyQt, PySide, Pyblish, and more.
I utilized Vue.js and Flask for task management with Kitsu and built tools using Django, FastAPI, React, MongoDB, and PostgreSQL.
The role required strong problem-solving, collaborating with teams to meet production needs, and delivering scalable, efficient solutions while maintaining high code quality and leveraging cutting-edge technologies to streamline workflows.
- **Full Stack Developer**, Zedny, Cairo. **Oct 2024 - Dec 2024**
Developed full stack web applications using React and Django.
Gaining experience in integrating RESTful APIs to connect frontend and backend systems.
Utilized version control (Git) and CI/CD pipelines to improve code quality through regular reviews.
- **Data Annotator**, Outliers, San Francisco (remote). **Apr 2024 - Sep 2024**
Reviewed AI-generated responses for accuracy, ensuring high quality and reliability of content.
Provided feedback to enhance the AI's response generation.
- **Medical Representative**, Life care pharma, Giza. **Apr 2023 - May 2024**

Projects:

ITI-BNB (AIR-BNB Clone) [🔗backend](#), [🔗frontend](#)

React.js, Bootstrap, Django, Rest.js, PostgreSql

Developed a Full-Stack web application for managing Properties the host can add the his properties and the user can see them and book them throw pay-mob and can chat with the host using the chat box we made by web socket.

✂ Amazon Sales Analysis

Python, Pandas, NumPy, Plotly, Streamlit

Performed comprehensive ETL operations on 120K+ records, implemented real-time filtering, and created multi-page responsive web application with dynamic charts.

✂ GoodReads Full-Stack Project (MERN STACK)

React.js, Tailwind, Node.js, Express.js, MongoDB

Developed a Full-Stack web application for managing books, authors, and categories. The project allows users to browse, search, and view detailed information about books and authors. Features include user authentication, CRUD operations, and a responsive UI.

✂ Bash Shell Script DBMS

Bash Script

A CLI-based DBMS using Bash for managing databases and tables. Features include creating, listing, dropping, and updating databases and tables, with checks for primary keys and data types

✂ Book Management System

Flask, Python, Flask-SQLAlchemy, Werkzeug

Built a Flask app where users can manage book collections, with features like login, book management, image uploads, and an admin panel for overseeing users and books.

Technical Skills:

- **Languages:** JavaScript, TypeScript, Python, HTML, CSS
- **Frameworks :** Django, Flask, React.js, Node.js, Express.js, Bootstrap, Tailwind, OpenPy, FastAPI
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Others:** GitHub, Docker, VS Code, Bash, Linux, PySide2/PyQt, aiohttp, Gazu

Certificates:

- **CS50's Introduction to Programming with Python, Harvard** **Oct 2024**
- **SQL Intermediate Certificate, HackerRank** **Jul 2024**
- **Data Analytics Professional Certificate, Epsilon AI – Delaware USA** **Dec 2023 - May2024**
120 Training Hours, 8 Technical Projects (Excel - Tableau - Power BI - Looker Studio)

Courses:

- **PostgreSQL: Become an SQL developer, Simplilearn** **Aug 2024**
- **Node.js Course (RESTful API, Express, and MongoDB), MaharaTech – ITIMOoca** **Aug 2024**
- **MongoDB, MaharaTech – ITIMOoca** **Jul 2024**
- **JavaScript, MaharaTech – ITIMOoca** **Jun 2024**
- **Ubuntu Linux Essentials, MaharaTech – ITIMOoca** **Jun 2024**
- **Computer Network Fundamentals, MaharaTech – ITIMOoca** **May 2024**
- **Database Fundamentals, MaharaTech – ITIMOoca** **Apr 2024**

Language Skills:

Arabic : Native

English : Very Good

German: Beginner

Extracurricular Activities:

- **Coordinator, Emonovo (formerly Marj3).** **Jul 2021 – Aug 2021**
Communication, Teamwork, Active learning
- **Operational Specialist, Enactus Egypt.** **Feb 2021 – Jun 2021**
Teamwork, Adaptability