ANTHONY ASSAYAH

**S O F T W A R E D E V E L O P E R**

# CONTACT

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My Portfolio link:[**https://anthonyassayah.github.io/**](https://anthonyassayah.github.io/)

# ABOUT ME

As a fresh graduate in computer science, I bring a passion for developing innovative software solutions. Extremely high motivated with a deep desire to achieve outstanding achievements, fast learner, with strong leadership abilities and a track record of delivering successful projects, I'm seeking dynamic opportunities in the high-tech sector to apply my expertise and make significant contributions.

# EXPERIENCE

J U L Y 2 0 2 2 - P R E S E N T - **WAVE BL** | Network Operations Center Engineer

**skills**: **Python · Git · Linux · Kubernetes · MySQL · Jenkins · Jira**

* Experienced in investigating complex tech issues with MySQL, comprehensive system log analysis, Python, and modern dashboard tools. Vigilant system monitoring Opsgenie/Prometheus, and a cutting-edge work environment.
* Efficiently oversees full migration of machines, deployments, Kubernetes (K8s), and APIs, ensuring smooth transitions for improved performance and reliability. Expertise in seamless integration of these elements for cohesive, effective solutions.
* Extensive practical exposure to CI/CD and Test-Driven Development methodologies. Proficient in automating workflows and ensuring code quality through rigorous testing practices.
* Passion for diving into technical issues and solving customer challenges – over 136 around the world.

**SKILLS AND TOOLS**

**Java - Python – C# - C / C++ - HTML/CSS - JavaScript – React – MySQL – PHP – DBs – Docker**

# EDUCATION

**B.Sc. COMPUTER SCIENCE AND MATHEMATICS**

*2020- 2024 | Ariel University*

* Deep understanding of programming fundamentals such Design Patterns in Object Oriented Programming, Data Structures and Computer Architecture.
* Experienced in Socket programming and Operating System in Linux / Windows and databases (SQL/MongoDB), Shell implementation.
* Deep learning about theory of numeric and programming algorithms and analyze their complexity and efficiency in Python, Java, C#, C and C++.
* Learn basics methodologies of work programming as Agile or Scrum, for mobile application development and design.
* Experienced with Node.js and databases, Docker, and cloud technologies, enabling effective management and processing of large-scale data sets for diverse projects.

**PROJECTS**

### ASTRONOMIC DASHBOARD

Astronomic Big Data leverages cutting-edge cloud technologies like **Kafka**, Elasticsearch, MongoDB, and web scraping to collect, process, and visualize vast astronomical data. It enables real-time alerts (**JS**/socket io) and interactive visualizations (**ejs**), empowering to fetch efficient celestial insights.

### SMART ELEVATOR

Combining Dijkstra's and TSP algorithms, this **Java** and **Python** project features a user- friendly GUI built with the Swing library. The offline algorithm optimizes path planning, ensuring efficient and fast elevator operations for an **OOP** exercise based on the concept of "Smart Elevator.

### TIMEZMONEY

An intuitive job search app on **Android** using Flutter and Firebase services. Offering a user-friendly UI, it enables users to explore diverse job opportunities in their area, apply for positions, and easily manage their own job listings as employers or workers.

**LANGUAGUES**  French (Native) – English (fluent) – Hebrew (fluent)