

# Ismail Assil

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 [iassil.dev](http://iassil.dev)

## EDUCATION

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### UM6P – 1337 Coding School

Khouribga

*Software Engineering*

- Focused on algorithms, low-level programming, web development, and DevOps in a self-paced.

### Google UX Design Certificate (in progress)

Online – Coursera

*UX/UI Design*

- Completed up to *Conduct UX Research and Test Early Concepts*.
- Learned fundamentals of user-centered design, wireframing, prototyping, and usability testing.

### FEG – Faculty of Economics and Management

Settat

*Diploma in Management*

- Studied core principles of business management, finance, marketing, and organizational behavior.

### ENSA – National School of Applied Sciences

Berrechid


*Diploma in Logistics and Transport Management*

- Learned supply chain management, transportation systems, warehouse operations, and logistics planning.

## PROJECTS



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### Rallyu | Web Game Application

 [github.com/ismailassil/rallyu](https://github.com/ismailassil/rallyu)


- Created a real-time multiplayer Ping Pong game with WebSocket support and matchmaking. Integrated user authentication, profiles, and persistent game stats.

### Java & Web Application Projects | Java, Servlets, MySQL

 [github.com/ismailassil/java\\_modules](https://github.com/ismailassil/java_modules)    [github.com/ismailassil/fwa](https://github.com/ismailassil/fwa)


- Built multiple Java applications using object-oriented design, file I/O, and exception handling.
- Developed a dynamic web application with user authentication, CRUD features, and database integration using Servlets and MySQL.

### ft\_irc | IRC Chat Server | C++, Sockets, POSIX

 [github.com/ismailassil/ft\\_irc](https://github.com/ismailassil/ft_irc)

- Implemented a multi-client IRC server handling real-time messaging and user management.
- Managed socket connections, message parsing, and command processing following IRC protocol.

### Inception | Dockerized Web Stack | Docker, Architecture

 [github.com/ismailassil/inception](https://github.com/ismailassil/inception)

- Set up a secure, containerized web infrastructure using Docker Compose and deployed NGINX, WordPress, MariaDB, and other services in isolated containers with custom configurations.

## TECHNICAL SKILLS

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- **Languages:** Java, C/C++, SQL (MySQL, SQLite), JavaScript, TypeScript
- **Backend Frameworks & Technologies:** Spring Boot, Fastify, Node.js, WebSocket, RESTful APIs
- **Frontend Technologies:** Next.js, React, Tailwind CSS, Framer Motion
- **DevOps & Monitoring:** Grafana, Prometheus, ELK Stack (Elasticsearch, Logstash, Kibana)
- **Developer Tools:** Git, Docker, Postman, Figma, VS Code, Vim, IntelliJ