

Abbass Ashmar

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EDUCATION

Al-Maaref University

Bachelor of Computer Science

Beirut, Lebanon

Sep. 2022 – May 2026

- **Cumulative GPA:** 3.86/4.0
- **Relevant Courses:** Object Oriented Programming, Data Structures, Operating Systems, Algorithms, Computer Networks.

PROJECTS

Gollumia / *Python, Django rest framework, React, PostgreSQL, Docker, Celery, Redis, AWS (S3)*

Aug. 2022 – May 2024

<https://gollumia-react-js.onrender.com>

- Developed a full-stack web application using React js and Django REST framework.
- Utilized Celery and Celery Beat for scheduling tasks to pull data from TMDB and OMDB APIs.
- Created a content-based recommendation system using TF-IDF and cosine similarity for movie recommendations.
- Implemented Redis as an in-memory caching layer and message broker for Celery and Celery Beat.
- Deployed the application on Render.com as multiple web services, leveraging Supabase for S3 storage and PostgreSQL database management.
- Integrated OAuth 2.0 for Google login and token-based authentication system.
- Utilized Docker for containerization to ensure scalability and efficiency.

Garbify (In Development) / *React, PHP Laravel, Stripe, PostgreSQL*

Sep. 2023 – Present

<https://github.com/AbbassAshmar/Garbify-Backend>

- Developing an E-commerce website with React.js front end, PHP Laravel backend, and React.js admin dashboard.
- Building an admin dashboard to manage users, products, and categories, and to provide data visualizations as graphs.
- Implemented a refresh-token authentication system with HTTP-only cookie and short-lived access token.
- Integrated Spatie to assign roles to users.
- Integrated Stripe as a payment gateway for ordering, canceling products, and issuing refunds.
- Developed a reviews section for every product.
- Created a feature allowing users to browse and interact with other users' public favorites lists, and copy products to their own lists.

TECHNICAL SKILLS

- Languages: Java, Python, C, C++, SQL, JavaScript, HTML/CSS, Php.
- Frameworks: React js, Django REST framework, Laravel.
- Tools: Git, Docker, Linux, CI/CD, Redis, Celery, AWS.