



Brik Amani

Computer Science Engineering Graduate

Experience

Software Developer Summer Analyst

BlackRock | June-August 2022

- Implemented the backend support for tabular data using Java and Spring.
- Added tabular data to the UI using Angular, respecting the firm's specification.
- Delivered work on time and added more features in the remaining time.

Personal Information

Mobile:

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Email:

amanibrik5@gmail.com

LinkedIn:

linkedin.com/in/amanibrik5

Github:

github.com/Amani215

Portfolio:

amani215.github.io

Skills

- Java
- C/C++
- Python
- Docker
- HTML and CSS
- Javascript/ Typescript
- React
- Angular
- SQL
- Redis
- MinIO
- Version Control (Git)
- GitHub
- Project Management
- Teamwork

Languages Spoken

Fluent:

English, French, Arabic

Other languages:

Japanese, Spanish

Projects

Goalkeeper Performance Tracking Platform

🔗 React, Python, Docker

- Implemented the API using Flask framework
- Designed the frontend in React and Typescript and integrated Grafana dashboards within it
- Containerized the application using Docker and set up a CI pipeline with GitHub Actions
- Structured the database using PostgreSQL, the file storage with S3 (MinIO), and caching with Redis

Translator

🔗 Angular, Docker

- Designed the frontend using Angular Material UI
- Utilized the Yandex Dictionary API for translation and synonyms

Squid Game Cookie Cutter using computer vision

🔗 C++, OpenCV, Win32

- Applied my theoretical skills of Win32 in an application of my own.
- Learned how to use an open library for computer vision.
- Designed the architecture and the resources of the game

3D Game (Group work)

🔗 Java

- Designed the class diagram and some sequence diagrams (UML)
- Coded some essential classes related to the functionalities of the game.
- Led the team and organized the work between the 5 members.

Academic History

Budapest University of Technology and Economics (BME)

Bachelor in Computer Science Engineering | January 2023

- Current GPA: 4/5
- Stipendium Hungaricum Scholarship

Pioneer High School of Bourguiba Tunis

High School Diploma in Technology | 2018

- Graduated with 4.56/5 GPA
- Ranked 18th best student in Tunisia, 2018

Volunteer Work

- Lead of Google Developer Student Club BME
- Core Member in Avionics Team for Project Boom
- Participant in Technovation 2017