

Samer Bakkar
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Education

Lebanese University HADATH, LEBANON
B.S. in Computer Science.

Sep 2022 – Oct 2025

Work Experience

3 Month Internship at Dalili

- Built RESTful API backend for link-in-bio platform using **Node.js**, **Express**, and **Prisma ORM** with **MySQL**, implementing numerous endpoints for user management, file uploads, and link customization
- Designed normalized database schema with Prisma migrations covering users, files, links, subscriptions, and analytics events with proper indexing and relational integrity
- Implemented **multi-layer authentication system** including **JWT tokens**, **bcrypt password hashing**, **email verification** with time-limited codes, and **Google OAuth 2.0** integration via [Passport.js](#)
- Developed **analytics engine** tracking page views, link clicks, and file downloads with **geolocation/device metadata**, plus **tiered subscription system** (Free/Pro/Creator) with plan-based access control
- Developed booking/scheduling system with availability validation middleware and attendee management supporting one-to-one and group meetings across subscription tiers

Project Experience

TheAbyss

- Built responsive SPA with **React 19**, **TypeScript**, **Vite** using Context API for state management, featuring real-time image/video uploads, optimistic UI updates, and **Axios-based API integration**
- Developed restful APIs with **Express**, **Sequelize/MySQL** including **JWT/Bcrypt auth**, modular server-side filtering, and **transaction-safe** operations with **Multer file uploads**
- Delivered full-stack social + marketplace platform with **end-to-end authentication**, **CRUD operations**, **media handling**, and **reusable validation/config layers**

Hotel Management System

- Developed a full-stack hotel management system using **PHP Laravel**, including an admin panel with full **CRUD functionality**, allowing administrators to manage users, bookings, and other resources efficiently.
- Built a client-side interface supporting **bookings**, **navigation**, and **real-time support interactions**, enhancing user engagement and experience.

Social Media Replica

- Built full-stack social media app using **React.js**, **Node.js**, **Express**, **MySQL**, and **Sequelize with JWT authentication** for secure login/registration and role-based access control
- Implemented complete **CRUD operations** for posts and comments with likes, permission-based editing/deletion, and **Axios-driven** real-time data synchronization between frontend and backend

Modern Bank App

- Developed a front-end modern, **responsive banking web application** using **React 19** and **Vite**, featuring modular components for navigation, financial statistics, card management, billing, and client interaction.
- Styled the application with **Tailwind CSS**, implementing a clean, responsive, and user-friendly interface optimized for fintech users.
- Built a **component-based architecture** separating UI and logic, improving **scalability**, **maintainability**, and development efficiency.

Technical Skills

Tools & Languages: C, C++, C#(ASP.Net Core), Java, Python, Supabase, Firebase

Frontend Development: ReactJs, NextJs, Angular, HTML, Tailwind CSS, CSS, JavaScript, TypeScript

Backend Development: SQL, Php(Laravel), Nodejs, Expressjs, MongoDB, Axios, Sequelize

Packages: NumPy, Pandas, Matplotlib

Version Control: Experienced with Git and Github

Languages & Additional Information

- Languages: Arabic, English
- Work Authorization: Eligible to work in Lebanon
- Clubs and Activities: Sports