

Kirollos Atef

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software engineering, especially in Back-End Node.js development and related technologies, including JavaScript, TypeScript, and Express. I also have knowledge of object-oriented programming, data structures, and algorithms, Passionate about building scalable and efficient web applications and am excited to apply my skills and knowledge to a junior software engineering, back-end developer position.

Experience

BackEnd Software Engineer

ICreate Egypt

Feb 2023 – Present

- ERB System & E-commerce project with JS/TS - Nodejs - JWT - AWS -
- Resolved bugs and performance issues by identifying the root cause and implementing practical solutions.
- Conducted code reviews and provided feedback to team members, ensuring adherence to best practices and standards.

FullStack Internship

The Sparks Foundation

Feb 2022 – Apr 2022 2 months

- Banking system with PHP - JS

Activities & Volunteer

- Participated in a problem-solving contest twice (2021 and 2022) ([My Work](#))
- Technical Specialist at ICPC Damanhur Sep 2021 – Present
- BackEnd Mentor at GDSC Damanhur June 2022 – Present

Education

Damanhure Univercity

Pursuing a BENG in Computer Science and Information Technology

Sep 2020 – Present

Bachelor of Computer Science (department: Information Systems), set to graduate in 2024 (GPA: 3.0/4.0)

Egypt Future Work is Digital Scholarship (UDACITY) program

- Advanced Full-Stack Web Development course : (Typescript, Node.js, Express, PostgreSQL, REST APIs, Unit-testing Jasmine, Deployment process AWS, CircleCI pipeline, Agile)
- React Development Cross-Skilling course: (React fundamentals, Hooks, Routers, modern React).

Google Developer Student Clubs program

- Node.js : (Node.js, Express, MongoDB, MySQL, Normalization in DB, MVC, Authentications, Unit-test, Validation, Caching, Deployment process)
- Software Engineering : (Project Management, High-level, and Low-level Design, Agile Scrum, Advanced Database Concepts, Distributed Systems, Software Architecture Patterns, and Case Studies on different applications).

Projects

- **Social Network (APIs):** A Node.js project using Express, MongoDB, TypeScript, Repo Pattern, and Unit-test, The project was a professional social network web application (same as LinkedIn) that allows users to chat, pay online, ...
- **Shopping:** Shopping App APIs using NodeJS, ExpressJS, TypeScript, Jasmine, PostgreSQL
- **Image Processing (APIs):** This is a simple REST API allowing users to resize images using the Sharp Node.js image processing module.
- **Blog App:** Blog App using Node.js, Express and MySQL, Sequelize, and EJS for view
- **Banking System :**
 - CRUD operations for a bank system using native js for the front end and native PHP for the backend
 - Console App with Java using (OOP) #Inheritance , #Polymorphism , #Abstraction , #Interface

Skills

- JS/TS - NodeJs (Express - Nest) - JWT - OAuth - Socket.IO - Unit Test - Caching
- MySQL - PostgreSQL - MongoDB - GraphQL - Redis
- CI/CD - AWS (EC2 - Elastic - S3 - RDS) - Docker - CircleCI - Heroku
- ReactJs - Bootstrap - Tailwind
- **More:** Laravel - C++ - Python - Java
- **Tools:** Git, Linux, open API, Swagger, postman, etc...

Certifications

- MongoDB Node.js Developer Path ([LINK](#))
- Advanced Full-Stack Web Development ([LINK](#))
- Node.js Back-End Track GDSC ([LINK](#))
- Full-Stack intern completion ([LINK](#))
- React Development Cross-Skilling ([LINK](#))
- ACPC and Problem-solving Collection ([LINK](#))
- Software Engineering Track GDSC ([LINK](#))