

Abanob Kamal Naeim

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EDUCATION

- **German University in Cairo, BSc in Media Engineering and Technology (Highest Honors)** Oct 2019 - Jul 2024
Major: Computer Science and Engineering, GPA: 0.79 (A+) , Rank: 9th in cumulative ranking
- **1st Rank in the National Education over the governorate and 11th over Egypt** Sep 2017- Jul 2019
Grade: 99.6%

EXPERIENCE

- **Backend Engineer** Oct 2024 - Present
Noon Full-Time
 - Cut full indexing time by 50% (4 days to 2) by reordering products to balance load, reducing hotspots, and migrating reads from Spanner to BigQuery in a worker running every 12 hours, then publishing data to Pub/Sub.
 - Developed and optimized indexing workflows using FastAPI (Python) and leveraged Redis caching for improved performance
- **Backend Developer Intern** Jul 2024 - Aug 2024
Instabug Internship
 - Fixed production bugs in the Workflows team using Ruby on Rails and Redis cache to maintain automated workflows, ensuring conditional rules triggered specified actions.
 - Introduced a cross-platform release management feature, allowing tracking of rollout progress from app stores.
 - Recognized as one of the best 5 performers and received a job offer to join the team.
- **Backend Developer Intern** Oct 2023 - Nov 2023
Suplyd Internship
 - Developed and deployed a GraphQL API with Node.js, Hasura, PostgreSQL, and AWS Lambda.
- **Backend Developer Intern** Jul 2022 - Aug 2022
Link development Internship
 - Developed an electronic shop app with ASP.NET Core 6, Entity Framework, and MVC 5.

PERSONAL PROJECTS

- **Web Development**
Online Assessment Simulator with Questions Generator Bachelor Project
 - Developed a Full Stack Automated Web-Based assessment simulator that received 94% using the MERN stack, Bootstrap, CSS, and REST APIs
 - Implemented a random question generator and Integrated a 50% automatic grading system
- **Java Programming**
AI Search Agent Implementation
 - Developed AI search agent to reach prosperity level 100 in a virtual town, prioritizing cost efficiency.
 - Utilised Object-Oriented Programming, data structures and algorithms principles to execute 6 search strategies.
- **Mobile Development (Flutter)**
GUCircle Mobile Application
 - Built a user-friendly app with secure sign-up and versatile features for GUC students and staff
 - Used Flutter and Dart and Incorporated behavioral tracking for user insights, enhancing usability.

SKILLS

Programming Languages: Java , Javascript, Python, c#, Ruby

Backend Development: FastAPI, Node.js, Express.js, Ruby on Rails, REST API, Hasura, ASP.NET, AWS Serverless lambda

Databases: Relational Database (MySQL, PostgreSQL, Spanner), GrapghQL, NoSQL Databases(MongoDB), BigQuery, Redis

Soft Skills: Self-Learning, Continuous Learning, Leadership, Adaptability, Team-Work

Languages: Arabic, English

Other Skills: Unity, Flutter, React.js, Git, Github, Docker, Linux, HTML, CSS

LEADERSHIP

- **Software Developer Member** IEEE Feb 2024 - Jun 2024
- **Software Development Hackathon** Cegedim Egypt Aug 2023
- **Junior Teaching Assistant** German University in Cairo Mar 2022 - Jun 2022