

## Experience

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### Noon.com

Dubai, United Arab Emirates

#### Software Engineer

Jun 2023– Present

- Primary owner of development for the Promotions, Cart, and Checkout at [Namshi.com](https://namshi.com), a leading multinational fashion e-commerce platform owned by Noon, serving **millions of users** across six countries, delivering impactful features and seamless functionality.
- Improved cart and checkout API **performance by 38% for P95**, optimizing system efficiency and enhancing user experience during high-traffic periods.
- Designed and implemented the 'Gift with Purchase' program, enabling customers to receive complimentary gifts based on specific purchase criteria. This significantly boosted promotional effectiveness, **increased average order value by 4%**, and drove customer engagement.
- Designed and implemented a variety of advanced coupon systems, including customer-specific criteria coupons, cashback coupons, localized coupon codes, time-based coupons, and student discounts.
- Designed and implemented a Referral Program, providing each customer with a unique coupon code to share with friends. The program rewarded both the referrer with cashback and the referee with a discount, increasing customer acquisition and engagement.
- *Tech Stack: Python, SQL, Spanner, Pub/Sub, GCP, Kubernetes, and Docker.*

### C3S Software

Remote

#### Software Engineer

Feb 2020 – Apr 2023

- Worked as a Software Engineer at C3S, a custom software development firm delivering enterprise solutions; led development on several high-impact client projects.
- Fullstack Developer for [Empower](https://empower.com), a B2B web application marketplace for sourcing, selling, and assembling hardware parts.
- Developed custom connectors for [Dell Boomi](https://dellboomi.com), a leading Integration Platform as a Service (iPaaS), including a [Snowflake Database Connector](#) and a [Salesforce REST Connector](#).
- *Tech Stack: C#.Net, Java, Angular, SQL, MongoDB, AWS S3, and AWS EC2.*

### Orange Labs

Cairo, Egypt

#### Software Engineer, Intern

Summer 2016

- Implemented a new module for managing overtime requests and generating reports.
- *Tech Stack: Java, Spring MVC, and AngularJS.*

## EDUCATION

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### Cairo University

Cairo, Egypt

B.Sc. in Computer Science, Faculty of Computers and Artificial Intelligence.

## Achievements & Accomplishments

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- **ICPC World Finalist (2020):** World finalist at ICPC (International Collegiate Programming Contest).
- **Ranked 11<sup>th</sup> place out of 107 teams** in ACPC 2019 (Africa and Arab Collegiate Programming Contest) and **silver medalist** in ECPC 2019 (Egyptian Collegiate Programming Contest).
- **Competitive Programming:** Solved over 3,000 algorithmic problems across leading online judges.
- **Problem Setter and Mentor:** Problem Setter, Judge, and Tester at Problem-Solving competitions: KCPC, MCPC, OCPC, ECPC-QR. Mentoring teams for competitive programming competitions.

## Skills & Technologies

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Python, C#, C++, Java, Angular, SQL, MongoDB, Google Cloud Platform (GCP), Amazon Web Services (AWS), Problem Solving, Algorithms, Data Structures, OOP, Docker, Kubernetes, Git.