Hesham Khattab Mohamed

# Software Engineering | Data Engineering

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# SUMMARY

Passionate **Computer Science graduate** with practical experience in Front-End and Mobile App Development using Flutter and modern web technologies. Trained in Big Data Engineering and certified Microsoft Azure Administrator. Strong problem-solving skills, fast learner, and team player eager to contribute to innovative software development projects.

# SKILLS

## Hard Skills

## ● Flutter Developer:

## ● Dart ● Flutter ● FireBase ● REST APIs

## ● Web Developer:

## ● HTML ● CSS ● JavaScript ●React.js ● API

## ● Data Engineering:

## ● Apache Spark ● Hive ● Docker ● Microsoft Azure Administrator

## ● Hadoop ● Spark ● Apache Kafka ● Linux Commands

## Soft Skills:

**●** problem Solving **●** Teamwork **●** Time management **●** Communication skills

**●** Critical thinking **●** Emotional Intelligence

# WORK EXPERIENCE

**National Telecommunication Institute (NTI) – (MCIT) | Cairo, Egypt | IT Infrastructure & Microsoft Azure| Jul 2025 – Present**

* Completed a 4-month intensive hands-on training in Windows Server administration and Microsoft Azure cloud technologies.
* Studied and practiced for five Azure certifications: AZ-900, AZ-104, AZ-700, AZ-500, AZ-800.
* Built practical skills in cloud infrastructure, networking, security, and hybrid environment management.
* Received professional development training in Business English, Soft Skills, and Project Management.
* Participated in collaborative projects and simulated real-world IT scenarios under expert supervision

**Big Data Engineering Training | National Telecommunication Institute (NTI) | 2025**

* Completed Big Data Engineering training at NTI in 2025 as part of a national upskilling program.
* Gained practical experience with Hadoop, Apache Spark, Kafka, Hive, and Sqoop.
* Learned to design and manage ETL pipelines and handle both batch and stream data processing.
* Worked on real-world datasets using distributed computing and big data frameworks.
* Developed foundational knowledge in data ingestion, storage, and analytics at scale.

**Flutter & Front-End Developer**  
Freelance / Personal Projects | Egypt | 2020 – Present

* Developed and maintained mobile applications with Flutter, focusing on user experience design and high performance.
* Built responsive web interfaces using HTML, CSS, and JavaScript, applying performance optimizations and best practices.

PROJECTS & ACHIEVEMENTS

**Graduation Project: E-Commerce Platform for Residential Units [Grade: A+]**  
Tech stack: Flutter, Dart, HTML, CSS, JavaScript, Firebase,PHP

* Built a cross-platform e-commerce app and responsive website for buying and selling residential units.
* Developed key features including user authentication, product listings, search and filters, and payment processing.
* Collaborated closely with a team to design UI/UX, ensuring a seamless and user-friendly experience across mobile and web platforms.

**Freelance Flutter Applications**  
Tech stack: Flutter, Dart, Firebase, REST APIs

* Delivered multiple mobile applications for various clients as a freelance developer.
* Managed full app lifecycle from design and development to deployment and maintenance.
* Focused on creating smooth, responsive user interfaces and integrating backend services.

**Freelance Front-End Web Projects**  
Tech stack: HTML, CSS, JavaScript, React

* Built and optimized responsive websites and web applications for freelance clients.
* Ensured cross-browser compatibility and mobile responsiveness.
* Worked closely with clients to meet design specifications and functional requirements.

# EDUCATION

## Higher Technology Institute – Modern Academy Computer Science| 2018 - 2022

Bachelor of Computer Science

**Location:** Cairo, Egypt

**GPA:** 2.4 (Good)

# CERTIFICATIONS & COURSES

* **Web Developer** | Route Academy | 2021
* **Flutter Developer** | IT-Share Academy | 2021
* Big Data | Nti

# Languages

**● Arabic: C2 ● English: B1 ● German: A1**