

Kareem Mokhtar

Senior Software Engineer

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- kareem-mokhtar
- KEMDAK

Languages

- ArabicNative
- EnglishNative
- GermanElementary (B1)

Skills

- Problem Solving
- Quick Learner
- Team Player
- Software System Design
- Full Stack Development
- Programming Languages:

Main(Java, JS, Golang)

Experienced (PHP, Python, C/C++)

Used Before (Scala)

Extracurricular Activities

- IEEE GUC Student Branch: Led a Team of 14 software developers building projects across different platforms.
- Competitive Programming:

Solved 1500+ algorithmic challenges on different online judges.

Finalist (out of 150+ teams) in ACM ECPC 2016.
- Junior Teaching Assistant: Assisted in teaching CS courses at GUC (Intro to CS, Data Structures, OOP)

Education

- Oct 2018Technical University of Munich, Germany
- Feb 2022M. Sc., Computer Science
- Oct 2013German University in Cairo (GUC), Egypt
- Jun 2018B. Sc., Computer Science and EngineeringGPA: 1.12 (German A)

Publications

Mokhtar, Kareem, Syed Saqib Bukhari, and Andreas Dengel. "OCR Error Correction: State-of-the-Art vs an NMT-based Approach." 2018 13th IAPR International Workshop on Document Analysis Systems (DAS). IEEE, 2018.

Experience

- Jun 2022Software Engineer → Senior Software EngineerMeta
- Present

Promoted twice: Junior SWE (Jun 2022) → SWE (Jan 2023) → Senior SWE (Jun 2024).

Leading technical initiatives and architecting scalable systems for Meta platforms.

Mentoring engineers and driving code quality improvements across the team.

Location: London, UK
- Sep 2021Master Thesis ProjectABB
- Feb 2022

Conducted research and development for industrial automation.

Tools: C, C++. Location: Germany
- Jun 2021Software Engineer InternMeta
- Aug 2021

Part of the Integrity Experience team, empowering users to make informed decisions on Meta platforms.

Tools: Hacklang (PHP), Python.
- Mar 2021Software Engineer InternHubSpot
- May 2021

Part of the Billing Management Experience team. Improved comprehensibility of Billing-related PDF documents.

Tools: Java, React, HTML, CSS, Kafka.
- Dec 2018Lead Software EngineerBleenco GmbH
- Feb 2021

Led a team of developers designing scalable solutions for occupational safety.

Tools: Golang, C++, TimeScaleDB, RabbitMQ, GRPC, Kubernetes.
- Jul 2018Backend Developerelmenus
- Sep 2018

Developed backend services for restaurant discovery and ordering platform.

Tools: NodeJS, Scala, Apache Spark, MariaDB, Cassandra, Elastic Search.
- Apr 2017Junior Researcher / Software EngineerDFKI
- Dec 2018

Designed OCR error correction system using RNNs, reducing error by 3% over state-of-the-art.

Part of DAAD Excellence Scholarship.

Tools: Python, TensorFlow, ExpressJS, MySQL