

Kareem Mokhtar

Senior Software Engineer

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- KEMDAK

Languages

- Arabic Native
- English Native
- German Elementary (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 2018 **Technical University of Munich, Germany**
- Feb 2022 M. Sc., Computer Science
- Oct 2013 **German University in Cairo (GUC), Egypt**
- Jun 2018 B. Sc., Computer Science and Engineering **GPA: 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 2022 **Software Engineer → Senior Software Engineer** **Meta**
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 2021 **Master Thesis Project** **ABB**
Feb 2022
 - Conducted research and development for industrial automation.
 - Tools: C, C++. Location: Germany**
- Jun 2021 **Software Engineer Intern** **Meta**
Aug 2021
 - Part of the Integrity Experience team, empowering users to make informed decisions on Meta platforms.
 - Tools: Hacklang (PHP), Python.**
- Mar 2021 **Software Engineer Intern** **HubSpot**
May 2021
 - Part of the Billing Management Experience team. Improved comprehensibility of Billing-related PDF documents.
 - Tools: Java, React, HTML, CSS, Kafka.**
- Dec 2018 **Lead Software Engineer** **Bleenco GmbH**
Feb 2021
 - Led a team of developers designing scalable solutions for occupational safety.
 - Tools: Golang, C++, TimeScaleDB, RabbitMQ, GRPC, Kubernetes.**
- Jul 2018 **Backend Developer** **elmenus**
Sep 2018
 - Developed backend services for restaurant discovery and ordering platform.
 - Tools: NodeJS, Scala, Apache Spark, MariaDB, Cassandra, Elastic Search.**
- Apr 2017 **Junior Researcher / Software Engineer** **DFKI**
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**