

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 Present	Software Engineer → Senior Software Engineer	Meta
	<ul style="list-style-type: none">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 Feb 2022	Master Thesis Project	ABB
	<ul style="list-style-type: none">Conducted research and development for industrial automation.Tools: C, C++. Location: Germany	
Jun 2021 Aug 2021	Software Engineer Intern	Meta
	<ul style="list-style-type: none">Part of the Integrity Experience team, empowering users to make informed decisions on Meta platforms.Tools: Hacklang (PHP), Python.	
Mar 2021 May 2021	Software Engineer Intern	HubSpot
	<ul style="list-style-type: none">Part of the Billing Management Experience team. Improved comprehensibility of Billing-related PDF documents.Tools: Java, React, HTML, CSS, Kafka.	
Dec 2018 Feb 2021	Lead Software Engineer	Bleenco GmbH
	<ul style="list-style-type: none">Led a team of developers designing scalable solutions for occupational safety.Tools: Golang, C++, TimeScaleDB, RabbitMQ, GRPC, Kubernetes.	
Jul 2018 Sep 2018	Backend Developer	elmenus
	<ul style="list-style-type: none">Developed backend services for restaurant discovery and ordering platform.Tools: NodeJS, Scala, Apache Spark, MariaDB, Cassandra, Elastic Search.	
Apr 2017 Dec 2018	Junior Researcher / Software Engineer	DFKI
	<ul style="list-style-type: none">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	