

JAWWAD AZAM

Full-Stack Developer | TypeScript & AWS Expert | Microservices & Cloud Architecture

+917676899358 • engr.jawwadazam@gmail.com • <https://www.linkedin.com/in/jawwad-azam/>
• <https://github.com/jawwadazam> • Kiel

Summary

A software development professional with 9 years of experience in software engineering and cloud computing, expert in TypeScript and AWS services. Key achievements include optimizing application performance by 30% during a database migration and leading a cloud server transition, which improved system scalability and efficiency. Seeking a Senior Full Stack Developer position at Blinkist, where my software development and cloud computing skills will be brought to support your mission of reaching one billion learners by unlocking positive potential through a love of learning.

Experience

Immosolve GmbH Bad Bramstedt, Germany
Cloud Engineer 01/2022 - 02/2025

- Engineered and deployed over 10 scalable microservices as AWS Lambda functions using NodeJS, TypeScript and AWS CDK, enhancing application performance and reducing server response times by 40% across multiple platform.
- Designed and implemented RESTful APIs to facilitate seamless front-end and back-end communication using Vue.js and TypeScript, utilizing a Test-Driven Development (TDD) approach in an Agile environment.
- Improved application performance by 25% through code refactoring, optimized algorithm design, and efficient utilization of AWS services.
- Managed data storage and retrieval systems leveraging AWS cloud infrastructure, DynamoDB and AWS Lambda functions.
- Conducted unit testing to ensure code quality and reliability throughout the development lifecycle.

INGravure GmbH Kiel, Germany
Digitalization Engineer 12/2020 - 12/2021

- Spearheaded the migration of on-premise servers to AWS cloud, ECS and Docker, transitioning a monolithic application to a SaaS-oriented architecture.
- Designed, developed, and maintained a CRM's database and application software using Python, C#, PHP, VB.NET, and SQL, ensuring high performance and reliability.
- Integrated front-end and back-end systems using Vue.js and MongoDB, enabling seamless API development and cohesive solution delivery.
- Optimized server performance by configuring and fine-tuning Nginx for load balancing and server management.
- Created comprehensive technical documentation to support maintenance teams and ensure long-term system usability.

ComfNET Solution GmbH Kiel, Germany
Systems Analyst 08/2018 - 07/2020

- Achieved 99.9% uptime during Oracle migration by implementing Oracle form replicas, ensuring uninterrupted sales operations for over a year.
- Contributed to all phases of the software development lifecycle, from requirements gathering to solution delivery.
- Deployed and maintained Active Directory and Exchange servers, ensuring seamless user access and communication.
- Performed server maintenance tasks, including OS installation, monitoring, troubleshooting, patch deployment, and upgrades.
- Optimized IT asset management, saving over €100K through effective resource tracking and allocation.

Ebryx Pvt. Ltd Lahore, Pakistan
Software Engineer 03/2015 - 03/2017

- Migrated database systems from MySQL to PostgreSQL, optimizing queries and improving application performance by 30%.
- Enhanced malicious content detection accuracy by 60% through the implementation of Yara rules and machine learning algorithms.
- Collaborated with cross-functional teams to troubleshoot and resolve technical issues, demonstrating strong problem-solving skills.

Education

Fachhochschule Kiel Germany Germany
Master's Information Engineering 03/2017 - 03/2023

University of Engineering and Technology Taxila Taxila, Pakistan
BS Computer Engineering 11/2010 - 07/2014

Languages

Urdu	Native	English	Proficient (C1)	German	Intermediate (B1)
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Skills

JavaScript · Typescript · React · Angular · HTML5 · CSS · Sass · MaterialUI · TailwindCss · NodeJS · NestJS · Python · Django · C# · WPF · Rest API · OAuth · JWT · Cognito · NoSQL · DynamoDB · PostgreSQL · MySQL · RDBMS · Redis · TDD · JSON · Unit Testing · Cypress · CI/CD · GitHub Actions · IaC · Pulumi · Git · Cloud Architecture · Microservices · SQS · S3 · AWS Serverless · EC2 · Distributed Systems · AWS Lambda · Datadog · Linux · Windows · Jira · GitHub · Agile · Scrum

Volunteering

starterkitchen.de	Kiel, Germany
Software Developer - Volunteer	02/2025
<ul style="list-style-type: none">Assisted multiple startups in developing prototypes, leveraging AI-generated video tools, Kotlin-based mobile app development, and SEO optimization.Collaborated with entrepreneurs, explored emerging technologies, and contributed to innovative solutions.	
Pakistan Students Association	Kiel, Germany
President	01/2018 - 01/2020
Managed association operations and supported 200+ Pakistani students in Kiel with settlement and integration. Organized 20+ cultural events, including Pakistan Cultural Night and Mela, engaging 600+ multinational attendees.	