

# JAWWAD AZAM

Full Stack Developer

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## Summary

Full stack development professional with 9 years of experience in software development and cloud engineering, expert in AWS services and modern web technologies. My key achievements include optimizing application performance by 30% during a database migration and leading a cloud server transition, enhancing system architecture. Seeking a Full Stack Developer position, where my software development and cloud engineering skills can be utilized to support the company's vision to make innovative solution.

## Experience

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

- Developed and maintained scalable microservices as AWS Lambda functions using TypeScript, AWS CDK, and AWS SDK, following Onion Architecture principles.
- 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.
- Developed and maintained database and application software using Python, C#, PHP, VB.NET, and SQL, ensuring high-quality standards.
- 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 managed 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)

## Skills

Javascript • Typescript • React • Angular • HTML5 • CSS • Sass • MaterialUI • TailwindCss • Node.js • NestJS • Python • Django • C# • WPF • Rest API • OAuth • JWT • Cognito • DynamoDB • PostgreSQL • MySQL • Redis • TDD • Unit Testing • Cypress • CI/CD • GitHub Actions • Pulumi • Git • Cloud Architecture • Microservices • SQS • S3 • AWS Serverless • Distributed Systems • AWS Lambda • Datadog • Linux • Jira • GitHub • Agile • Scrum

## Certification

AWS Cloud Developer Associate - DVA-C02 — [Amazon Web Services Training and Certification](#) January 2025 - January 2028