

# JAWWAD AZAM

## Fullstack Engineer | Cloud Architecture Expert | JavaScript & TypeScript Specialist

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📍 Kiel

### EXPERIENCE

#### Cloud Engineer

Immosolve GmbH   01/2022 - Present   Bad Bramstedt, Germany

- Developed and debugged scalable microservices as AWS Lambda functions using TypeScript, AWS CDK, and AWS SDK, adhering to Onion Architecture principles.
- Designed and integrated Restful APIs with robust front-end and back-end communication using Vue.js and TypeScript, employing a Test-Driven Development (TDD) approach in an Agile environment.
- Enhanced application performance by 25% through code refactoring, efficient algorithm design, and optimized use of AWS services.
- Managed data storage and retrieval for a platform leveraging 10 AWS Lambda functions and DynamoDB.
- Conducted comprehensive unit testing to ensure code quality and reliability across all development cycles.

#### Digitalization Engineer

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

- Led the transition and migration of on-premise servers to the AWS cloud, fostering a SaaS-oriented architecture for a live monolithic application.
- Designed, developed, and resolved issues in database and application software using Python, C#, PHP, VB.NET, and SQL while ensuring high-quality assurance standards.
- Bridged front-end and back-end development with Vue.js, fostering seamless API development and delivering cohesive solutions.
- Reached improved performance benchmarks by configuring and optimizing Nginx for efficient load balancing and server management.
- Created detailed technical documentation to support the maintenance team, ensuring long-term usability and streamlined operations.

#### Systems Analyst

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

- Maintained 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 life cycle, processing requirements to deliver high-quality solutions.
- Deployed and configured Active Directory and Exchange servers, ensuring seamless user access and communication.
- Managed server tasks, including OS installation, monitoring, troubleshooting, patch deployment, and upgrades.
- Tracked and managed the company's hardware resources, saving over €100K through effective IT asset management practices.

#### Software Engineer

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

- Migrated the database from MySQL to PostgreSQL, optimizing queries to enhance application performance by 30%
- Improved malicious content detection accuracy by 60% using Yara rules and machine learning algorithms
- Collaborated with team members and independently resolve issues, demonstrating strong troubleshooting abilities

### EDUCATION

#### Master's Information Engineering

Fachhochschule Kiel Germany

03/2017 - 03/2023   Germany

#### BS Computer Engineering

University of Engineering and Technology Taxila

11/2010 - 07/2014   Taxila, Pakistan

### SUMMARY

Full-Stack Developer with 6+ years of experience in software engineering and cloud architecture, specializing in JavaScript and TypeScript. Proven track record of optimizing application performance by 30% and leading cloud migration projects that enhanced operational efficiency by 25%. Seeking a Full-Stack Engineer role to leverage expertise in software development and cloud solutions, driving innovation and efficiency in the industry.

### LANGUAGES

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

### SKILLS

Front-end • Javascript • Typescript • Angular •  
Node.js • NestJS • Algorithms • HTML • Node.js •  
CSS • MaterialUI • Tailwindcss • CRM • Python •  
Django • TDD • Numpy • Pandas • Cypress • REST •  
OAuth • JWT • Unit Testing • API • Modular • Agile •  
Cloud Architecture • AWS • Microservices •  
AWS Lambda • SQS • Lambda • AWS Cloud •  
NoSQL • Dynamodb • SQL • PostgreSQL • Mysql •  
Datadog • Jira • CI/CD • Github • Github Actions •  
Linux

### CERTIFICATION

AWS Cloud Developer Associate - DVA-C02

[Amazon Web Services Training and Certification](#)

January 2025 - January 2028

### VOLUNTEERING

#### President

Pakistan Students Association

01/2018 - 01/2020

- Managed association operations, ensuring smooth functionality.
- Supported 200+ Pakistani students in Kiel with settlement and integration.
- Promoted Pakistani culture and values in diverse, cross-cultural settings.
- Promoted Pakistani culture through cross-cultural communication and 20+ events. Including the 2018 Pakistan Cultural Night and 2019 Pakistani Cultural Mela, attracting and coordinating activities for over 600 multinational visitors.