



Zeeshan Ahmed

Date of birth: 06/04/1994 **Phone number:** (+49) 1782623200

Email address: zeeshan6948@gmail.com

Home: Josef-Kindshoven-Straße 5, 96052 Bamberg (Germany)

ABOUT ME

As a dedicated Full-Stack Developer with a keen interest in DevOps, I bring extensive experience in software development, cloud computing, and container orchestration. My expertise spans PHP, Python (Django), C#, Flutter (Dart), Docker, Kubernetes, and Prometheus. I excel in developing scalable applications, automating deployment processes, and enhancing system reliability. Recently, I earned the Microsoft AZ-204 certification, further strengthening my skills in designing and implementing cloud solutions on Azure. I am committed to leveraging my technical expertise and continuous learning to drive impactful results in innovative development projects.

WORK EXPERIENCE

PL/SQL Database Developer

Bosch GmbH [01/09/2022 – Current]

City: Plochingen | **Country:** Germany

- Conducted analysis to evaluate embedded databases, leading to a 20% improvement in data retrieval efficiency.
- Translated and migrated over 500 SQL scripts from Transbase DB to SQLite format, and developed and executed SQLite databases, ensuring alignment with project requirements and reducing load times by 15%.
- Automated tasks by creating packages and procedures in Oracle PL/SQL, streamlining processes and improving efficiency.
- Utilized Prometheus for monitoring system performance, setting up alerts, and visualizing metrics with Grafana.

Full Stack Developer

University of Bamberg [01/09/2023 – Current]

City: Bamberg | **Country:** Germany

- Developed cross-platform mobile applications using Flutter, enhancing UI/UX and user engagement.
- Implemented RESTful APIs using Python Django Rest framework for backend functionalities, improving data processing efficiency by 30%.
- Utilized MongoDB for efficient storage and management of schema-less application data, optimizing database performance.
- Collaborated with a team of 5 developers to design and implement seamless user experiences, resulting in a 25% increase in application adoption.
- Integrated continuous deployment pipelines using Docker and Gitlab Pipeline, automating deployment processes.

Back-end Developer

Planbar.app GmbH [01/02/2022 – 31/08/2022]

City: Bocholt | **Country:** Germany

- Developing and maintaining classic planning board as a SaaS application based on Laravel8/PHP/Redis/MySQL.
- Troubleshooting complex application and code issues, working collaboratively with front-end developers to implement updates and improvements to web applications.
- Development of REST API for Mobile apps, reusable code and libraries for future use.

Jr. Game Developer

Red Leos Marketing [01/08/2019 – 11/2020]

City: Lahore | Country: Pakistan

- Worked on FPS, TPS, Strategy, Simulation, RPG, Casual and Hyper Casual games. Learned about IOS Conversions and Shader graph effect. Manage and Train the Intern Developers.

Game Developer

The Gaminators Group [01/06/2018 – 31/07/2019]

City: Lahore | Country: Pakistan

- Worked on Multiplayer Games, Augmented Reality (AR), Virtual Reality (VR). Participated in the generation of game scripts, storyboards and solved complex technical problems.

EDUCATION AND TRAINING

Master's in International Software System Science

Otto-Friedrich-Universität Bamberg [01/04/2021 – Current]

City: Bamberg | Country: Germany | Website: <https://www.uni-bamberg.de/> | Field(s) of study: Information and Communication Technologies | Level in EQF: EQF level 7

- Developed a service-based system using Java Spring Boot and Thymeleaf within a Service-Oriented Architecture (SOA).
- Designed RESTful APIs and created frontend views interacting with backend services.
- Managed data storage with H2 database and utilized Spring Boot for MVC architecture and data persistence.
- Explored network-level messaging protocols, including UDP and AMQP, through basic Java applications.
- Collaborated on integrating frontend and backend components, successfully deploying a functional service-based application.

Bachelor of Computer in Software Engineering

Foundation University Islamabad [01/08/2012 – 06/2016]

City: Rawalpindi | Country: Pakistan | Website: <https://www.fui.edu.pk/> |

Field(s) of study: Software Engineering | Level in EQF: EQF level 6 | Thesis: Project: SignO - Digital Image Processing

- Developed "SignO," a digital image processing project using Visual Studio C#.
- Applied EmguCV (OpenCV wrapper) for image processing tasks including filtering and feature extraction.
- Enforced Support Vector Machine (SVM) for image classification and object recognition.
- Worked together with a team to optimize algorithms for real time image analysis and classification.
- Documented project specifications, methodologies, and outcomes for academic presentation.

DIGITAL SKILLS

Programming Languages

Java, Go, Python, C#, C/C++, Flutter Dart, PL/SQL

Databases

PostgreSQL, MongoDB, SQLite, MS SQL Server, MySQL

Monitoring Tools

Prometheus, Grafana

Cloud Computing

Docker, OpenShift, Kubernetes

Version Control

Git, GitHub, Bitbucket

Project Management

Jira, Trello, Scrum, Kanban, Azure DevOps

Web Development

PHP (Laravel/ Symfony), HTML, CSS, React JS, Python Django / API Development (RESTful APIs), Azure Administration, Thanos, Timeseries Databases

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

German

LISTENING A2 **READING** A2 **WRITING** A2

SPOKEN PRODUCTION A2 **SPOKEN INTERACTION** A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

HONOURS AND AWARDS

[11/07/2024] Microsoft

Foundational C# with Microsoft

Link: <https://www.freecodecamp.org/certification/fcc10bd2361-900b-4796-bdd4-7e6236f07c2a/foundational-c-sharp-with-microsoft>

[11/08/2024] Microsoft

Microsoft Certified: Azure Developer Associate

Link: <https://learn.microsoft.com/en-us/users/zeeshanahmed-4579/credentials/7a8f341c3b615cb6>