

Zain Basit

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PROFESSIONAL SUMMARY

Technology Professional with over 3 years of experience in cloud computing, data coordination, and quality assurance, specializing in web development, database management, and cloud-native solutions. Expert in Google Cloud Platform (GCP), AWS, and automation systems, with a proven track record of winning multiple hackathons and delivering scalable web solutions. Passionate about leveraging cloud technologies and data analytics to drive business innovation, with strong experience in educational technology support and infrastructure management.

WORK EXPERIENCE

Eastern Illinois University, Graduate Assistant (Charleston, IL) January 2025 – Present

- Maintain automation lab infrastructure and manage Active Directory systems, ensuring seamless operation of educational technology resources for faculty and students.
- Assist faculty in instructional tasks and provide comprehensive student support, enhancing the learning experience through technical expertise and problem-solving capabilities.
- Collaborate with IT teams to implement and optimize laboratory systems, supporting academic programs and research initiatives.
- Troubleshoot technical issues and provide training to students on automation tools and laboratory equipment.

Eastern Illinois University, Night Assistant (Charleston, IL) September 2024 – January 2025

- Conducted radio checks and maintained routine security protocols, ensuring campus safety and emergency preparedness across university facilities.
- Reported incidents and ensured campus safety compliance, maintaining detailed logs and coordinating with security personnel and administration.
- Implemented security procedures and protocols, contributing to a safe learning environment for students, faculty, and staff.
- Managed after-hours campus operations and served as primary point of contact for emergency situations.

Wechs Lahore, Data Coordinator (Lahore, Pakistan) November 2021 – July 2024

- Maintained water billing and payroll databases serving thousands of customers, ensuring data accuracy and system reliability for critical municipal operations.
- Led web development initiatives and managed administrative tasks, delivering the company website (wechslahore.com) that improved customer engagement and service accessibility.
- Designed and implemented database optimization strategies, reducing query response times by 30% and improving overall system performance.
- Collaborated with cross-functional teams to streamline billing processes and enhance customer service workflows through automation and digital transformation.
- Managed data migration projects and ensured compliance with data security standards and regulatory requirements.

Arbisoft, SQA Engineer (Intern) (Lahore, Pakistan) September 2018 – December 2018

- Performed manual testing and ensured software quality standards across multiple client projects, identifying and documenting critical bugs and system vulnerabilities.
- Analyzed datasets to improve QA workflows, implementing testing protocols that reduced defect rates by 25% and enhanced product reliability.
- Collaborated with development teams to establish testing frameworks and quality assurance processes for web and mobile applications.
- Created comprehensive test documentation and reporting systems that improved team communication and project tracking.

EDUCATION

Eastern Illinois University, Charleston, Illinois

- Masters in Computer Technology (August 2024 – Present)

Imperial College of Business Studies, Lahore, Pakistan

- Bachelors of Science in Computer Science (February 2021)

PROJECTS

3D Image Analysis with arivis.cloud

- Performed cloud-based 3D visualization and segmentation of biomedical imaging data using advanced AI-driven analytical tools.
- Used AI-driven tools to analyze and annotate structures in microscopy datasets, contributing to research in biomedical imaging and data visualization.
- Implemented cloud computing solutions for large-scale data processing and collaborated with research teams to optimize analytical workflows.

LEADERSHIP & ACHIEVEMENTS

Five-time Winner – Cloud Seekho Hackathon

Google Developer Group Pakistan

- Demonstrated expertise in deploying cloud-native applications, infrastructure automation, and data analytics on Google Cloud Platform (GCP).
- Earned multiple skill badges and advanced-level credentials via Google Cloud Skills Boost, showcasing proficiency in cloud architecture and implementation.
- Led teams in developing innovative cloud solutions that addressed real-world business challenges and technical requirements.
- Mentored fellow developers in cloud technologies and best practices, fostering a collaborative learning environment within the developer community.

SKILLS

Languages & Frameworks: HTML5, CSS3, Python, JavaScript, WordPress, TensorFlow, Git; **Cloud & Infrastructure:** Google Cloud Platform (GCP), Amazon Web Services (AWS), AutoML, Compute Engine, BigQuery, Cloud SQL, Serverless Architecture; **Data & Analytics:** Machine Learning/AI, Data Science, Database Management, Big Data Analytics; **Development & QA:** Web Development, Manual Testing, Quality Assurance, Version Control, Agile Methodologies; **Leadership:** Project Management, Team Collaboration, Technical Documentation, Problem Solving, Cross-functional Communication, Mentorship & Training