ALI BASALAM

Software Developer

CHICAGO, IL, UNITED STATES • ABASALAM@MAIL.BRADLEY.EDU • 331-282-5715

PROFESSIONAL SUMMARY

Recent Computer Information Systems graduate with hands-on experience in developing ERP systems, building RESTful APIs, and supporting backend integration using .NET Core, C#, and SQL. Skilled in React and cross-platform development, with a strong interest in delivering practical, customer-focused software solutions. Known for collaborating effectively with teams, learning quickly in dynamic environments, and approaching technical challenges with curiosity and adaptability.

EDUCATION

Bachelor of Science in Computer Information Systems   Jan 2023 – May 2025
Bradley University   *Peoria, IL, USA*

Diploma in Information and Communications Technology (Software Engineering)   Sep 2019 - Dec 2021
Asia Pacific University   *Kuala Lumpur ,Malaysia*

Courses: Introduction to Artificial Intelligence, Systems Analysis and Design, Database Management, Networking and Security, Web Application Development, Business Intelligence, Software Engineering, Python Programming, Java Development, Data Analytics, Project Management, Cloud Computing.

PROFESSIONAL EXPERIENCE

Data and Operations Analyst Intern
Ideal Solutions, Muscat, Oman | Jun 2021 – Jan 2022

• Managed ride operations for over 1,000+ daily deliveries, increasing delivery timeliness by 15% through data-driven performance monitoring.

• Designed and implemented data management systems using Java and C#, reducing data processing time by 25%.

• Conducted supply chain and delivery network analysis to optimize route planning and resource allocation, leading to a 10% reduction in operational costs.

• Maintained a SQL-based performance tracking system with 99% accuracy to oversee delivery schedules, inventory flow, and rider productivity.

• Utilized Microsoft Excel and Power BI for reporting KPIs and sharing insights with leadership and cross-functional teams.

• Collaborated with stakeholders to implement process improvements, enhancing supply chain efficiency and customer satisfaction.

• Developed and maintained dashboards to visualize performance trends, enabling proactive issue resolution and capacity planning.

Software Development Intern
Sahllak.com, Muscat, Oman | Jan 2022 – Dec 2022

• Designed and enhanced ERP application modules using MVC architecture in .NET Core and C#.

• Developed scalable RESTful APIs and integrated with front-end components using Kendo UI.

• Wrote optimized SQL queries and stored procedures to enhance database performance by 30%.

• Collaborated with cross-functional teams to deliver features on time with 100% milestone success.

• Implemented unit and functional tests, achieving 90% test coverage for backend modules.

• Utilized AWS CDK for provisioning environments and terraform for infrastructure automation.

• Built reusable front-end components with React, contributing to a unified application UI.

Student Supervisor
Cullom-Davis Library, Bradley University, Peoria, IL | Feb 2023 – May 2025

- Supervised daily operations for a facility serving 500+ students weekly, maintaining 95% satisfaction in service feedback.

SKILLS

Programming & Web Development: Python, Java, C++, C#, JavaScript, SQL, HTML, CSS, Django, React, Node.js
Database & Cloud Platforms: MySQL, PostgreSQL, MongoDB, AWS, Azure
Tools & Networking: Docker, Docker Compose, Visual Studio, Git, GitHub, TCP/IP, DNS, Network Protocols, Apache, Linux (Ubuntu)
AI, Data, & Additional Skills:
YOLO Model, Natural Language Processing (NLP), Machine Learning (ML), Data Analysis, Functional Testing, UX/UI Design, Agile Methodologies, RESTful APIs, Data Warehousing, SQL Query Optimization, Data Modeling, Supply Chain Management, Logistics Optimization, Operations Analysis, Web Scraping

ACADEMIC EXPERIENCE

- Capstone Project: Image Recognition with YOLO Model Developed an image recognition system using the YOLO model on a Raspberry Pi running Linux (Ubuntu). Designed for integration into the Introduction to Artificial Intelligence class to assist future students at Bradley University.
- Bank Management System (JAVA): Designed and implemented a system to manage bank operations such as account management, transactions, and loan processing using Java.
- Online Streetwear Shopping Website: Developed an e-commerce website that allows users to browse and purchase streetwear products using SQL, HTML/CSS.
- Inventory Management System (Visual Studio): Created a system to manage inventory for a retail store using Visual. COVID Resources AI Chatbot: Developed an AI-powered chatbot that provides users with information and resources related to COVID-19.
- Grocery Shop Management System: Designed and developed a system to manage inventory and sales for a grocery shop using SQL and HTML/CSS.
- Travel Agency Management System (C++): Created a system to manage bookings, reservations, and transactions for a travel agency using C++.

ADDITIONAL INFORMATION

LEADERSHIP
Student Body President 2023-2025

International Students Association | Bradley University

- Led a diverse team of representatives, fostering cultural engagement and organizing events for the international student body.