

## EDUCATION

Bachelor of Science in Information Technology

From March 2022 to March 2025

**University of Information Technology and Management** Rzeszów, PK, Poland

**Relevant Coursework:** Software Development, Algorithms & Data Structures, Database Management, Object-Oriented Programming

## WORK EXPERIENCE

Research And Development Intern

From September 2024 to January 2025

**ALEF Online Academy** Poland

- Researched and evaluated **AI-driven educational platforms** to optimize learning experiences and engagement.
- Analyzed **AI-powered tools** for **automated grading and personalized learning recommendations**, identifying potential solutions for integration.
- Proposed **strategies for implementing AI-based enhancements** in online courses, improving teaching workflows.
- Prepared detailed documentation on **AI tool evaluations, platform capabilities, and integration strategies** to support team decision-making.

Trainee Front-end Developer

From May 2023 to July 2023

**Darussalam Computers** Kaduna, KD, Nigeria

- **Gained hands-on experience** in designing and developing responsive, user-friendly websites using **HTML, CSS, and JavaScript**, learning best practices for building intuitive and visually appealing interfaces.
- Implemented **cross-browser compatibility** and debugging techniques, enhancing site stability.
- Worked with senior developers and clients to **understand and refine project requirements**
- **Documented key learnings** throughout the development lifecycle, including challenges faced in coding with **JavaScript, HTML, and CSS**, and assisted in creating user guides to support deployment and client onboarding.

## PROJECTS

### **Movie Booking System**

ReactJS, Node.js, Express, MongoDB

- Developed a **full-stack web application** for booking movie tickets, ensuring secure transactions.
- Implemented **robust authentication and data validation** for safe user interactions.
- Implemented caching mechanisms, optimized database queries, and improved loop structures to enhance system efficiency and reduce ticket booking delays.

### **E-commerce Project**

ReactJS, .NET Core API, Entity Framework Core, SQL Server

- Built a **restaurant ordering system**, allowing users to place and track orders.
- Enhanced the **admin dashboard** for real-time order management and analytics.
- Implemented optimized loops, caching strategies, and streamlined backend logic to enhance order processing efficiency and improve system reliability

### **Car Rental Application**

Angular, .NET Core API, Entity Framework Core, SQL Server

- Developed a **web-based car rental platform**, enabling seamless booking and reservation management.
- Integrated **secure user authentication and reservation tracking** for improved customer experience.
- Optimized API calls, improved database queries, implemented caching mechanisms, and ensured proper CORS handling to improve response times and overall system performance.

## SKILLS

**Strongest Areas:** Data Structures, Algorithms, Object-Oriented Programming, Frontend Development

**Paradigms & Architecture:** API-First Design, Component-Based Architecture, Responsive Design, Top-Dow

**Programming Languages:** JavaScript, TypeScript, C#, C++, Python

**Web Technologies:** HTML5, CSS3, RESTful APIs

**Frameworks & Libraries:** React.js, Angular, Blazor, Node.js, .NET Core, Express.js

**Design & Diagramming:** Flowcharts, UML Diagrams, ERD, Block Diagrams

**Tools:** Git, Postman, Visual Studio, Azure, Figma, Microsoft Excel

**Database Management:** SQL Server, SQLite, MongoDB, PostgreSQL

## CERTIFICATES

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- **Foundations of Coding Front-End - Microsoft**
- **JavaScript Programming Essentials - Cisco**
- **Foundational C# - Microsoft**
- **Programming Essentials in C++ - Cisco**
- **Python Programming Essentials - Cisco**
- **Linux Essentials - Cisco**
- **Cloud Foundations - AWS**

## EXTRACURRICULAR ACTIVITIES

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### 1. Member, Problem Solvers Club, University of Information Technology and Management

- Collaborated with a community of young, purposeful individuals to explore and develop technical solutions to real-world societal problems.
- Conducted research and gained new skills to address urgent issues in society through technology.

### 2. Member, KN Nowych Technologii Programistycznych (KNNTTP)

- Engaged in discussions and workshops focusing on emerging programming technologies and trends.
- Developed skills in the latest technologies, staying ahead of the curve in software development.

## GDPR

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I agree to the processing of personal data provided in this document for realizing the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).

## LANGUAGES

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### English

I am fluent in speaking and have a very high proficiency in reading and writing.

› IELTS : 7/9

## ASSETS

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### Attention to Detail

### Hardworking


### Problem-Solving Abilities


### Adaptability

### Strong Communication Skills

## SOCIAL NETWORKS

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 @AhmAlkalii

 @Ahmed-Mohammed-Alkali