DANISH ZUBAIR

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# PERSONAL PROFILE

An adaptable Software Engineering student at University of Bradford, with robust problem-solving skills and 4 years of experience building and maintaining software. Highly skilled in communication, collaboration, and technical documentation. Experienced in administrative coordination and with strong interest in computer programming and problem solving.

# EDUCATION AND QUALIFICATIONS

# University of Bradford 2024 – 2028

# BEng (Hons) Software Engineering First Year Average: 85%

# *University Projects* – see section under ‘University and College Projects’ *(second page).*

# *Key Modules (Year 2)* – Artificial Intelligence; Data Structure and Algorithm; Database Systems; Computer Communications and Networks*;* Enterprise-Pro; System Security Management.

# *Key Modules (Year 1)* – Fundamentals of Programming; Mathematics for Computing; Internet Technology*;* Software Design & Development; Computer Architecture & System Software.

# 

**Bradford College 2022 – 2024**

**BTEC Level 3 Extended Diploma in Software Development**

*Academic Awards – Course Student of the Year (Level 3 Extended Diploma in Software Development), Academic Excellence (Level 3 Extended Diploma in Software Development, Year 1), SkillsHouse (Careers and Technical Education Awards 2023)*

**Bradford College 2021 – 2022**

**BTEC Level 2 Computing**: Academic Award– *Student of the Year (BTEC Level 2 Computing)*

**Dixons Allerton Academy, Bradford 2020 – 2021**

**GCSEs:** 5 Passes including Mathematics and English.

Spent 1 year at Technical Mechanical College, Italy (2019, 2020)

# TECHNICAL AND SOFTWARE SKILLS

* **Strong proficiency and comprehensive knowledge in the core fundamentals of Java, Python, PHP, SQL, JavaScript, HTML and CSS.**
* **Highly skilled in designing/developing dynamic full-stack websites consistently delivering innovative digital solutions that enhance user engagement and performance.**
* **Expert in using MySQL, PhpMyAdmin, to design, create, modify and maintain robust database solutions.**
* Excellent in developing and managing WordPress websites—customising themes and plugins, optimising performance & security, and ensuring a seamless user experience while continuously enhancing content and functionality.
* **Deep understanding and hands-on proficiency with Integrated Development Environments, including Eclipse, NetBeans, Visual Studio Code, PyCharm and Notepad++.**
* Competent using Microsoft Office Suite, (Excel, Word, PowerPoint, Outlook, etc.)

# RELEVANT EMPLOYMENT EXPERIENCE

**GPT Academy, Halifax Sept 2022 - May 2024**

**Full Stack Web Developer**

* **Led the management of five core web services, enhancing user engagement by 30% through proactive maintenance and improvements.**
* **Delivered responsive tech support, enhancing user satisfaction by 25% and boosting retention rates by 15%.**
* **Executed engaging live demos for over 100 clients, resulting in a 25% increase in client retention.**
* **Collaborated with managers to identify & implement three new features, enhancing user satisfaction by 20%.**
* **Managed email correspondence with the team and managers, ensuring timely responses and efficient issue resolution.**

# UNIVERSITY AND COLLEGE PROJECTS

**University First Year Group Project – Event and User Management System with Role-Based Interfaces**

* **Led a team to develop a Java-based desktop application with role-specific interfaces for event creation, image uploads, and user management.**
* **Used Java Swing for the GUI, implemented exception handling for image uploads stored in folder system and tested for efficient navigation, functionality and data management.**
* Integrated a table-based display for real-time event and user data visualization, ensuring accurate tracking and streamlined operations for all user roles.

**College Group Project – AI Virtual Assistant**

* **Developed an AI-powered virtual assistant designed to enhance communication skills for children/learners.**
* **Implemented voice recognition capabilities to process user input and provide accurate spoken responses.**
* **Integrated YouTube API to enable voice-commanded music playback based on predefined keywords.**
* **Designed a Wikipedia search feature that retrieves and vocalizes relevant information.**
* **Built a note-taking system allowing users to add, remove, and manage notes via voice commands.**
* **Implemented real-time functionalities such as time announcements and general queries.**
* **Led a team of six professionals in designing and implementing an AI-powered virtual assistant.**
* **Managed the entire project lifecycle, from planning and development to demonstration and optimization.**
* **Won Most Outstanding Project award, as part of the college`s ‘Ambition Hub’ initiative.**

**Personal Project – Ticket Booking System**

* **Developed a CLI-based ticket booking system using C# and Microsoft Access Database.**
* **Integrated real-time flight and hotel data retrieval from the web for ticket agents.**
* **Enabled direct ticket booking via command-line interface, streamlining the reservation process.**
* **Designed a middleware system to facilitate printing ticket details from airline websites to business printers.**
* **Deployed and utilised by a business in Namibia, demonstrating real-world functionality and reliability.**

# OTHER EMPLOYMENT EXPERIENCE

**Seabrooks, Bradford May 2024 – current**

**Warehouse Operative**

* **Collaborated with a diverse team to enhance productivity, facilitating team knowledge sharing and achieving 15% increase in product delivery speed.**
* **Efficiently packed over 500 crisp bags hourly, contributing to a 15% increase in production efficiency.**
* **Utilised labelling software to efficiently print over 1,000 accurate labels weekly for product inventory.**

# LEISURE INTERESTS

* Cricket –passionate player since school, regularly joining friends for informal matches and enthusiastically watching professional matches. This nurtures my teamwork and competitive spirit.
* Crypto – keen follower of blockchain developments, investing in emerging micro-cap tokens and actively engaging with enthusiasts on Telegram to share market insights and strategies.
* Machine Learning – experimenting with neural networks in TensorFlow and PyTorch, building machine learning models, sharing Jupyter notebooks on GitHub and discussing ML concepts with friends to share ideas.

# REFEREES

Mr. David Marriner, Head of Training, GPT Academy E: [Dave@gptcic.com](mailto:Dave@gptcic.com)

Mr. Karim Sadik, Asst. Professor / Personal Academic Tutor, University of Bradford E: [a.sadik@bradford.ac.uk](mailto:a.sadik@bradford.ac.uk)