

Adnan Zafar

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Versatile Computer Science graduate boasting an exemplary academic record. Skilled in a wide range of technologies, from React and Django to Java, Python, and C#. With hands-on experience in web, game, and application development, I consistently drive innovation across diverse platforms, merging creativity with strong technical acumen.

Education

Swinburne University of Technology

Bachelor of Computer Science with a major in Software Development

Cumulative GPA: 3.875/4.00

Awards: Swinburne Emerging Leader, Letter of Commendation (academic excellence with almost perfect GPA), Swinburne International Excellence Scholarship Holder (Awarded a competitive 50% scholarship)

Hawthorn, VIC, Australia

February 2021 – December 2023

Work Experience

Fantech, Melbourne

February 2024 – ongoing

Developer/Designer

- Spearhead the design and development of .NET applications, ensuring seamless integration and optimal performance within the Fantech IT infrastructure.
- Employ advanced C# programming skills to build and maintain robust codebases, contributing to critical projects across the company.
- Expertly manage MS SQL Server databases, implementing practices for data integrity, query optimization, and performance tuning relevant to enterprise-level solutions

Aubot, Melbourne

August 2022 – November 2022

Software Development Intern

- Played a key role in the technical design and coding of an innovative educational platform, leveraging advanced programming languages and technologies.
- Applied expertise in Python and Java to develop and implement complex algorithms, simulation exercises, and coding challenges that mimic real-world technology applications in various domains such as healthcare and environmental sciences.
- Collaborated in a dynamic development team to create robust, scalable code, and worked closely with the UI/UX team to integrate front-end elements with server-side logic, ensuring a seamless user experience.

AMLCloud, Melbourne

February 2023 – May 2023

Coding Intern

- Integral in creating an Anti-Money Laundering software, implementing Python and the text-davinci-003 GPT model, resulting in a 20% enhancement in address matching accuracy and sanction screening processes.
- Drove the development and refinement of MachineAI, which accelerated the debugging and code testing processes by 25%.

Xperi, Online (US based)

July 2021 – November 2021

Software Developer Intern

- Spearheaded the development of high-performance applications within a microservice architecture, leading to a 15% improvement in service scalability and reliability.
- Enhanced web service functionality on Tomcat in a Linux environment, which contributed to a 10% increase in response efficiency for end-users.

Freelancer, Online

August 2021 – December 2022

Self Employed

- Completed over 30 projects with a 98% client satisfaction rate, often receiving repeat contracts due to outstanding performance and adherence to project timelines.

Skills

Technical Skills:

- Web Development: Proficient in HTML, CSS, JavaScript, JQuery, PHP, Go, Typescript; experienced with full-stack development frameworks including Bootstrap, Node.js, React, Next.js, ASP.NET, and .NET Core.
- Programming Languages: Versatile in Java, Python, C#, C++, Ruby, and Kotlin, Go demonstrating the ability to quickly learn and apply new languages and technologies.
- Database Management: Skilled in robust database design, development, and management using MySQL, MS SQL and MongoDB.
- Machine Learning: Hands-on experience with ML algorithms and tools, including YOLOv8, for developing intelligent systems.

- **Software & Tools:** Competent with a wide array of technologies, including Windows Server 2016 for network management, Adobe XD for UI/UX prototyping, Maya for 3D modeling and rendering, and leveraging Amazon Web Services (AWS) for cloud-based solutions.

Soft Skills:

- **Analytical Thinking:** Able to dissect complex problems and derive innovative solutions effectively.
- **Communication:** Articulate in presenting technical concepts to non-technical stakeholders, ensuring clear understanding and alignment.
- **Team Collaboration:** Experienced in working with cross-functional teams, contributing to a cohesive and productive work environment.
- **Adaptability:** Quick to adapt to new challenges and environments, demonstrating flexibility in meeting diverse project demands.
- **Problem-Solving:** Proficient in identifying issues and implementing strategic solutions that enhance operational efficiency and performance.

Projects and Certifications

AWS cloud Practitioner Certificate:

https://www.credly.com/badges/3c9b0a56-1bb9-4d2d-89a7-4f6e60f228f2/linked_in?t=s6bq8a

To view all the projects ranging from websites, android apps to ML models and AI games visit:

Portfolio Website: <http://www.adnanzafar.me/portfolio/>

GitHub: <https://github.com/Adnan25z>