UMAIR SAEED

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WORK EXPERIENCE

Cyber Security Intern April 2024 - July 2024

WE CLAN *Melbourne, VIC*

- Developed a C-based security alert classifier with anomaly detection, reducing false positives by 25% and enhancing real-time data accuracy.
- Conducted penetration testing automation using ML-based pattern recognition models, improving threat detection efficiency and aligning with AI engineering practices.
- Built dashboard visualizations to monitor compliance metrics using Power BI & Python, streamlining data-driven decision-making processes.

EDUCATION

DEAKIN UNIVERSITY, Melbourne, VIC July 2022 - None

Master of Data Science

BAHRIA UNIVERSITY, Islamabad, VIC July 2018 - None

Bachelors of Software Engineering

PROJECTS

AI-POWERED DENTAL APPOINTMENT SCHEDULER January 2025 - None

- Developed an NLP-driven AI voice assistant by integrating speech-to-text (Whisper API) & text-to-speech (Google TTS), achieving 92% accuracy in automated dental appointment booking.
- Engineered a scheduling algorithm using FastAPI, PostgreSQL, and .NET, achieving 100% automation of the booking process, enhancing efficiency.
- Deployed the AI model using AWS Lambda & Docker, reducing response time by 30% and ensuring scalability for real-time user interactions.

AI-GENERATED NO-CODE WEBSITE February 2025 - None

- Built a fully functional AI-powered website generator using GPT-driven code conversion and C++ for backend efficiency, streamlining website creation.
- Integrated an automated demo scheduling system via AI chatbots, reducing administrative workload by 30% and enhancing user engagement.
- Increased website traffic by 15% through strategic Google Search Console optimization, improving visibility and user reach.

LEARNING INSIGHT REPORT July 2022 - None

- Developed ML models predicting financial stability with 90% accuracy by utilizing XGBoost & Random Forest, providing actionable insights.
- Designed interactive Tableau dashboards for audience engagement tracking, enhancing data visualization and user interaction.
- Conducted customer segmentation analysis to inform targeted business strategies, improving decision-making processes.

INTERACTIVE MEDICAL DATA DASHBOARD October 2021 - None

- Built real-time SQL-connected Tableau dashboards for enhanced medical data visualization, improving data accessibility.
- Collected, cleaned, and analyzed large-scale patient datasets, providing statistical insights for medical research.
- Assisted in developing predictive models for medical research applications, contributing to healthcare innovation.

TECHNICAL SKILLS

Programming Languages: Python, C#, SQL
AI and Software Development: Software Development, Microservices, RESTful APIs
Cloud and Database Technologies: AWS, Azure
Tools & Technologies: Stored Procs, Functions, Triggers
Soft Skills: Stakeholder Collaboration, Analytical Thinking, Problem Solving, Time Management, Team Collaboration
Certifications: CompTIA A+ Certification,
ITIL Foundation Certification,
Microsoft Certified: Modern Desktop Administrator Associate,

ACHIEVEMENTS

Successfully resolved 95% of technical issues remotely, exceeding the company's KPIs
- Received recognition for exceptional customer service, leading to a 20% increase in client satisfaction
- Achieved Microsoft Certification in Active Directory, showcasing commitment to professional development