"name": "Umair Saeed",

"summary": "AI & ML specialist with expertise in NLP, deep learning, model deployment, and automation. Passionate about building AI-powered solutions that drive real-world impact. Experience in AI model deployment, MLOps, and cloud-based AI applications.",

"phone": "+61 - 452024050",

"email": "umir\_saed1@gmail.com",

"media": {

"github": "https://github.com/umairsaeed01",

"linkedin": "https://www.linkedin.com/in/umirsaed"

"work\_experience": [

"role": "AI ENGINEER | MACHINE LEARNING ENGINEER",

"company": "WE CLAN",

"location": "Melbourne, VIC",

"from\_date": "April 2024",

"to\_date": "July 2024",

"description": [

"Developed a C-based security alert classifier with anomaly detection, reducing false positives by 25%.",

"Conducted penetration testing automation using ML-based pattern recognition models, improving threat detection efficiency.",

"Built dashboard visualizations to monitor compliance metrics using Power BI & Python."

"education": [

{

"degree": "Master of Data Science",

"university": "DEAKIN UNIVERSITY, Melbourne, VIC",

"from\_date": "July 2022",

"to\_date": "July 2022",

"courses": [

"Machine Learning & Deployment",

"Deep Learning",

"NLP & AI for Cybersecurity",

"Analysis of Algorithms"

]

},

{

"degree": "Bachelors of Software Engineering",

"university": "BAHRIA UNIVERSITY, Islamabad, VIC",

"from\_date": "July 2018",

"to\_date": "July 2018",

"courses": []

}

],

"skill\_section": [

{

"name": "PROGRAMMING",

"skills": [

"SQL",

"PL/SQL",

".NET",

"C",

"C++",

"C#",

"Python",

"FastAPI",

"Flask"

]

},

{

"name": "TECHNOLOGY",

"skills": [

"Oracle Database",

"AWS",

"Azure",

"Database Indexing & Optimization",

"Stored Procs Functions Triggers",

"PL/SQL Performance Tuning",

"ETL Backup/Recovery",

"Data Modeling"

]

},

{

"name": "SOFT SKILLS",

"skills": [

"Stakeholder Collaboration",

"Analytical Thinking",

"Problem Solving",

"Time Management",

"Cross-Functional Teamwork"

]

}

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"projects": [

{

"name": "AI-POWERED DENTAL APPOINTMENT SCHEDULER",

"type": null,

"link": null,

"resources": null,

"from\_date": "January 2025",

"to\_date": "January 2025",

"description": [

"Developed an NLP-driven AI voice assistant for automated dental appointment booking, integrating speech-to-text (Whisper API) & text-to-speech (Google TTS) with 92% accuracy.",

"Designed a scheduling algorithm using FastAPI, PostgreSQL, and .NET, achieving 100% automation of the booking process.",

"Deployed the AI model using AWS Lambda & Docker, reducing response time by 30% and ensuring scalability."

]

},

{

"name": "AI-GENERATED NO-CODE WEBSITE",

"type": null,

"link": null,

"resources": null,

"from\_date": "February 2025",

"to\_date": "February 2025",

"description": [

"Built a fully functional AI-powered website generator (www.civaroai.com) using GPT-driven code conversion and C++ for backend efficiency.",

"Integrated an automated demo scheduling system via AI chatbots, reducing administrative workload by 30%.",

"Increased website traffic by 15% through Google Search Console optimization."

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{

"name": "LEARNING INSIGHT REPORT",

"type": null,

"link": null,

"resources": null,

"from\_date": "July 2022",

"to\_date": "July 2022",

"description": [

"Developed ML models predicting financial stability with 90% accuracy, utilizing XGBoost & Random Forest.",

"Designed interactive Tableau dashboards for audience engagement tracking.",

"Conducted customer segmentation analysis for targeted business strategies."

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{

"name": "INTERACTIVE MEDICAL DATA DASHBOARD",

"type": null,

"link": null,

"resources": null,

"from\_date": "October 2021",

"to\_date": "October 2021",

"description": [

"Built real-time SQL-connected Tableau dashboards for enhanced medical data visualization.",

"Collected, cleaned, and analyzed large-scale patient datasets for statistical insights.",

"Assisted in developing predictive models for medical research applications."

]

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],

"certifications": [],

"achievements": []

}