MOHAMMED SOHAIL

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HIGHLIGHTS

- **1st Runner-Up – Future Tech Programme, AI Week Dubai:** Led a cross-functional team in a national innovation challenge organized by In5 and Future Tech. Developed and pitched an AI solution in a rapid prototyping sprint; recognized among top UAE student teams for innovation and teamwork.
- **Winners – MDXcelerator 2025**: Led the winning team in a university-wide entrepreneurship challenge, overseeing business planning and pitch development. Earned top recognition from academic and industry judges for a high-impact startup solution.
- **1st Runner-Up – FinTech Competition**: Secured 1st Runner-Up for an innovative Alternative Fuelling System concept and was selected to present it to executives at Al-Futtaim Logistics
- **Data Driven Insights:** Delivered actionable insights by designing AI-powered analytics and predictive models that informed strategic decisions. Used SQL and machine learning techniques to extract and present key data trends for stakeholders.
- **Strategic Implementation:** Led the development and deployment of scalable web and backend solutions using Angular, .NET and Node.js. Collaborated with cross-functional teams to integrate AI/NLP technologies and optimize real-time data pipelines for business impact.

SKILLS

Skills: TypeScript | React.js | React Native | UML System Design | Java | Python | C# | JavaScript | SQL | NoSQL | Frontend & Backend Development | SQL Server Management | Data Analytics & Visualization | Machine Learning | 2D/3D Design | AI System Integration | Tailwind CSS | REST API Integration | (IoT)

WORK EXPERIENCE

Developer Intern – Dubai, UAE   *June 2024 – Aug 2024*

Inlogic IT Solutions

- Developed web applications using Angular and .NET ASP Core.
- Programmed backend services with Node.js, enhanced skills in C# and JavaScript.
- Utilized SQL for database management, data integrity, and manipulation.
- Collaborated closely with senior developers and cross-functional teams.

Advanced Data Analyst– Dubai, UAE   *May 2023 – Oct 2023*

Labware LIMS

- Designed, implemented, and optimized AI models and machine learning solutions.
- Full-stack development, SQL server setup, and project management.
- Delivered data-driven insights and predictive analytics for decision-making.
- Ensured seamless integration of solutions to meet organizational goals.

Student Learning Assistant (SLA) – Dubai, UAE   *Sept 2024 – Dec 2024*

Middlesex University

- Supported students in Web Development and Databases (Node.js, MongoDB).
- Guided practical coding and database management in labs and lectures.
- Helped troubleshoot code and clarify concepts.

PROJECTS

Final Year Project – Real Time AI/NLP integrated dashboard   *Dec 2024 – Feb 2025*

- Built platform with AI, NLP (RAG), and advanced visualizations for F1/sim data.
- Engineered sub-16ms latency pipeline with Redis, Flask, SQLite.
- Used Chroma DB and Google Generative AI for contextual SQL generation.
- Built dashboards with React.js and UML documentation.

IoT Smart City Project, Middlesex University   *Dec 2022 – Feb 2023*

- Led team to create smart solar tracker and lighting system using Arduino.
- Utilized real-time sensor data for energy efficiency.
- Focused on sustainability, safety, and teamwork.

EDUCATION

- BSC, Information Technology – Middlesex University, Dubai Campus UK Degree (05/2025)
- Higher Secondary Education – The Indian High School, Dubai (01/2022)
- Senior Secondary Education – Our Own English High School, Sharjah (01/2020)

CERTIFICATIONS

- Computer Hardware Basics – Cisco (Sep 2024)
- Data Analytics Essentials – Cisco (Sep 2024)
- Introduction to Cybersecurity – Cisco (Sep 2024)
- Introduction to Data Science – Cisco (Sep 2024)
- Introduction to IoT – Cisco (Sep 2024)
- Networking Basics – Cisco (Sep 2024)
- Operating Systems Basics – Cisco (Sep 2024)

LANGUAGES & LICENSES

- Languages: English, Hindi, Urdu
- Valid UAE Driver's License
- Visa Status – Father Sponsorship