

MOHAMED FIRAS ADIL

PROFESSIONAL SUMMARY

Motivated computer science engineer with a zeal for learning, exploring, and creating. Proven leadership and teamwork skills, with a result-oriented mindset and the ability to work within tight time constraints.
Valid UAE Golden Visa and Driving License.
Languages: English, Urdu, Hindi

CONTACT DETAILS

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Project Portfolio: firasadil.com

SKILLS

Programming, Web Development, Database Management, Automation, Cybersecurity, DevOps, Graphic Design, Video Production, Leadership, Teamwork, Problem Solving, Creative Thinking, Time Management

TECHNICAL SKILLS

Python (Django, Flask etc), Java, C, HTML, CSS, JavaScript, React, Next.js, SQL, Flutter, Generative & Agentic AI Systems, Git, Linux, Azure, AWS, MS Office, Power BI, Alteryx, Adobe CC, Raspberry PI

EDUCATION

Birla Institute of Technology & Science (BITS) Pilani, Dubai Campus, UAE 2021-2025
Bachelor Of Engineering (Hons.) Computer Science

Our Own English High School (GEMS Education), Sharjah, UAE 2007-2021
CBSE, High School Diploma

EXPERIENCE

Siemens Energy, Dubai, UAE | Software & AI Developer – Quality Nov '24-Present

- Developing internal enterprise applications and dashboards to simplify and automate processes across the Middle East, resulting in 250+ work hours saved monthly across departments.
- Building a secure and reliable Generative AI application integrated with various Enterprise Data sources, enabling smart knowledge retrieval and data analysis, scaled globally with 500+ users.

Trajectories Business Solutions, Maharashtra, India | AI and Web Development Intern Jun '23-Mar '24

- Transformed traditional MCQ-based conversation training assessments into rule-driven interactive chat based assessments, resulting in heightened user engagement and improved training effectiveness.
- Built a dashboard and underlying ML Model that processes voice and tabular data to derive financial predictions.

Veehive, Dubai, UAE | AI Intern, Software Developer Jan-Feb '24

- Developed CBee.AI: A suite of Generative AI tools for digital marketers with features such as Text to Video, URL To Video, Google Drive video suggestions, video customisations, AI Avatars and more, pioneering the field of automated portrait style social media video generation.
- Jun-Aug '23

Prime FM, Dubai, UAE | Full-stack Web Developer July-Sep '22

- Developed standalone web modules for solar panel and building maintenance, utilized across 200+ villas and 4 buildings under maintenance contracts from DEWA and other companies, using HTML, CSS, JS, Flask and MySQL.
- Built a web module for managing cleaning staff over 75+ locations, for daily use within a Dubai Municipality project.

AWARDS & ACHIEVEMENTS

RTA Transport Hackathon by RTA Dubai – Won First Place by developing an innovative solution to promote e-scooter safety.

2nd Annual STEM Programming Competition by Abu Dhabi University – Won First Place by solving the given problems in the time limit using Python and C.

Emirati Sign Language (ESL) Global Summit by Microsoft Tech Club (CINS 2023) – Won First Place for building a first of its kind, Arabic to Emirati Sign Language Translator.

11th Undergraduate Research and Innovation Competition by Abu Dhabi University – Won Third place for research in Arabic to Emirati Sign Language Translator with Generative AI. Applied for and received an Intellectual Work Right (IPR) for the same.

ADU Datathon by GDSC Abu Dhabi University – Won First Place for building a model that could most accurately predict the time to treatment for patients with breast cancer.

Emirates Robotics Competition by RIT Dubai, Dubai Future Labs, Khalifa University – Won Third Place for building an Autonomous Vehicle to navigate a given track and avoid obstacles.

Emirates Robotics Competition 2nd Edition by Khalifa University, Dubai Future Labs, RIT Dubai – Won Second Place for building an Autonomous USV to clean up an aquatic surface.

Exploit3rs University CTF by HCT Sharjah – Won First Place at a 6-hour CTF demonstrating top skills across Web Exploitation, Forensics, Network Security, Cryptography and OSINT.

Curtin Dubai Hackathon by Curtin University Dubai – Won Second Place in 2021 and Third Place in 2023, 2020 for developing GUI applications and winning coding challenges.

Global Innovation Competition by GEMS Education – Won the People's Choice Award for pitching a startup - MED.AI, AI to generate accessible insights for patients, and received mentorship from IBM.

EXTRACURRICULAR ACTIVITIES

GitHub Campus Expert, GitHub
Chair, Association for Computing Machinery (ACM), BITS Pilani - Dubai Chapter
Senior Designer, Editorial Board, BITS Pilani, Dubai Campus
President & Founder, The Film Club, Our Own English High School, Sharjah

COURSES

Workshop on Cybersecurity by FAB UAE (2022)
Postman Student Expert (2021)
Harvard CS50x (2020)
Inspirit AI Scholars (2019)