MOHAMED FIRAS ADIL

PROFESSIONAL SUMMARY

Motivated computer science engineer with a zeal for learning, exploring, and creating. Proven leadership and teamwork skills, with 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, System Administration, DevOps, Graphic Design, Video Production, Leadership, Teamwork, Creative Thinking, Time Management

TECHNICAL SKILLS

Python (Django, Flask & More), Java, C, Git, HTML, CSS, JavaScript, React, Next.JS, SQL, Flutter, Linux, AWS, Adobe CC, MS Office, Raspberry Pi, Power BI

EDUCATION

Birla Institute of Technology & Science (BITS) Pilani, Dubai Campus, UAE   *2021-2025*
Bachelor Of Engineering (Hons.) Computer Science
CGPA: 8.40

Our Own English High School (GEMS Education), Sharjah, UAE   *2007-2021*
CBSE, High School Diploma
10th Grade: 95.8%
12th Grade: 93%

EXPERIENCE

Siemens Energy, Dubai, UAE | *Software & AI Developer – Quality*   *Nov '24-Present*
- Developing internal enterprise applications to automate processes, reduce manual effort, and save time and costs.
- Working on an AI agent integrated with Enterprise Data sources, enabling smart knowledge retrieval and data analysis.

Trajectories Business Solutions, Maharashtra, India | *AI and Web Development Intern*   *Jun '23-Mar '24*
- Transformed traditional MCQ-based conversational assessments into chat-based assessments, resulting in heightened user engagement and improved training effectiveness using OpenAI APIs, Flask and MySQL.
- 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*
          Jun-Aug '23
- 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 and more, pioneering the field of automated portrait style social media video generation. Built with Python, FastAPI, Next.JS, SQLAlchemy, API's for OpenAI, AWS S3, Azure Cognitive Services, Azure Speech Services and more.

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, used daily for a contract issued by Dubai Municipality, reducing management workload by over 70%.

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)*