

Aditya S

Student Developer

I'm a third-year Computer Science student with a strong curiosity about the technologies shaping our world. I thrive on hands-on learning: when I find something that inspires me, I use my current skills and eagerly learn whatever's needed to bring my ideas to life.

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EDUCATION

BSc (Hons) Computer Science with Specialization in AI

Heriot Watt University

09/2023 - Present

Dubai Knowledge Village

Projects

- MasterMind Project in C for Raspberry Pi 3
- Unofficial Website for Year 2 using HTML CSS
- Image Processing Project in C
- Brute Force chess algorithm in OCaml

WORK EXPERIENCE

IT Support and Management

Lets Go Tourism LLC

04/2023 - 03/2024

Dubai, United Arab Emirates

Achievements/Tasks

- Developed a comprehensive CRM and accounting hub utilizing Notion, Python, and CODA to streamline business processes and enhance operational efficiency.
- Developed a booking management system using Python to streamline workflow and improve efficiency for handling incoming bookings.
- Designed and implemented an automated Excel workbook using VBA to reduce labor-intensive tasks, including invoice generation.
- Managed customer databases in MySQL and utilized tools like PowerBI for data visualization of the data and customer leads.

AI and Automation Intern

Fincasa Group of Companies

05/2024 - 07/2024

Duba, United Arab Emirates

Achievements/Tasks

- Assisted in the development and maintenance of IT infrastructure within the company.
- Automated daily workflow tasks using tools like Power Automate and Zapier to enhance operational efficiency.
- Built and deployed a fully functional E-Commerce website using Wix Studio for a sub-company.
- Developed multiple websites for various companies using Wix Studio, Wordpress, Spline, and HTML/CSS.
- Designed an organizational workflow chart to establish clear hierarchy and streamline operations within the company.

SKILLS

React JS

HTML

CSS

Python

Three JS

JavaScript

Framer

React JS

Django

PERSONAL PROJECTS

Personal portfolio Website (05/2024 - 07/2024)

- Created frontend using React JS
- Using React hooks and components for making the website modular
- Learnt about hosting and deployment

Booking Management System for GetYourGuide (02/2024 - 03/2024)

- Create script in Python for managing incoming bookings
- Automate reminder mails for upcoming bookings using SMTP and APIs
- Create a user friendly GUI using Tkinter library

AI Content detector using Tensorflow (03/2024 - Present)

- Learn about the basics of LLM
- Build an LLM from ground up using Tensor
- Learn about using and training AI Models

CERTIFICATES

Foundation C# with Microsoft (06/2024)

Acquired foundational skills in C# and successfully applied them to solve challenging practice questions and problems.

Software Engineering Job Simulation with J.P. Morgan (06/2024)

Gained proficiency in using J.P. Morgan's financial data visualization tool, Perspective, and integrated its API into React for frontend development.

Google Analytics Individual Qualification (03/2023 - 03/2024)

Studied Google Analytics for business insights and decision-making, successfully completing the certification assessment.

Harvard's CS50 - Introduction to programming using Python (03/2023)

Learned basics of programming, applied knowledge to build complex programs, solve 9 problem sets, and complete a final project.