Arsh Dalal

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Education

University of Connecticut	Storrs, CT
Undergraduate in Computer Science	Aug. 2023 – May 2027

Current GPA: 3.5

Experience

Digital IOT intern	May 2025 – Aug 2025
Otis Elevator Co.	Farmington, CT

- Developed and deployed a full-stack internal tool using .NET (C#), React JS, PostgreSQL, and Azure App Service to track/manage ICDs across departments, improving workflow efficiency for elevator data handling.
- Developed a Sales Automation bot (**Power Automate + Virtual Agents**) guiding the sales team through a step-by-step ordering process for parts/elevators dynamically generated an Excel sheet with customer details, streamlining order placement and record-keeping improving efficiency by 20%.

Event Coordinator	Jan 2024 – Current
Convention Center (Pro-Park)	Hartford, CT

- Coordinated events of up to 20K+ attendees, overseeing logistics, vendor relations, and scheduling.
- Tracked attendance and profits in Excel; analyzed historical data to optimize promotion strategies and boost turnout.

Clubs

MSA (Muslim student association) IT & Data Management	Jan 2024 – Current
University of Connecticut (UCONN)	Storrs, CT

- Developed a Google Scripts-based roommate application for incoming Muslim freshmen, hosted via HubSpot, with automated email notifications when matches submitted responses. [Link](#)

AI and Machine Learning Club	Aug 2024 – May 2025
University of Connecticut (UCONN)	Storrs, CT

- Worked with mentors and industry professionals about the influence of AI in the industry setting. Participated in workshops and tutorials featuring tools like TensorFlow and Scikit-learn.

Projects

Google Docs Clone | *Python, Flask, JS, SQL, Socket.IO* |

- Built a collaborative document editor allowing live autosaving, real-time multi-user editing, user roles (admin/viewer), and document encryption for efficient database management.
- Implemented custom authentication with hashed credentials, role-based access, and user-specific document history

UCONN Personalized Meal Plan | *Python HTML CSS JS* | *Flask*

- Built a Flask web app for UConn students to create personalized meal plans based on dietary needs, pulling live data from dining hall menus to generate goal-aligned food schedules.

Technical Skills

Coding Languages: Python, HTML, CSS, C, JavaScript, SQL
Libraries, Frameworks, API's: Flask, OpenAI, NumPy, TensorFlow, .NET, React (JS)
General Skills: Communication, Microsoft Office, Excel, Power Automate, Flows, M365 Copilot