Devansh Gupta

 Devansh-Gupta-Official +919819296673 devanshgupta-in 03devansh.gupta@gmail.com

EDUCATION

Vellore Institute of Technology — Sep 2021 - May 2025
Btech in Computer Science Engineering with Specialization in Blockchain Technology — *CGPA: 9.26/10.0*

Apeejay School, Nerul (Senior Secondary) — Apr 2019 - May 2021
CBSE Board(XII) — *Percentage: 97.8%*

Apeejay School, Nerul (Secondary) — Apr 2007 - May 2019
CBSE Board(X) — *Percentage: 96.6%*

COURSEWORK

Courses: Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Operating Systems, Computer Architecture, Computer Networks
Awards: Merit Certificate for Excellence in Academics (2x)

SKILLS

Certifications: AWS Academy Cloud Foundations, Machine Learning - Hands on Python & R in Data Science, Accenture North America - Data Analytics and Visualization Job Simulation
Languages: Python, C++/C, Java, SQL, HTML, CSS
Cloud: Microsoft Azure, Amazon Web Services
Technical Skills: Machine Learning, Data Science, Data Engineering, Cloud Computing
Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, Tensorflow

PROJECTS

Microsoft Azure Pipeline | *Microsoft Azure, Power BI* — Sep 2023 - Oct 2023
- Internship project for Reliance Jio Platforms, achieved a 30% reduction in manual workload.
- Developed a Data Engineering Pipeline that automated the ETL (Extract, Transform, Load) processes.
- Leveraged 5+ Microsoft Azure resources, such as Data Factory, Data Bricks, Synapse Analytics and Power BI.

Automated ML | *Microsoft Azure, Microsoft Azure ML Studio, Azure Synapse Analytics, Power BI* — Sep 2023 - Oct 2023
- Built a project focused on integrating Machine Learning techniques with Azure Synapse.
- Harnessed Machine Learning algorithms within the Synapse framework, delivering transformative data-driven insights.
- Enhanced organizational efficiency and productivity and improving overall system performance.
- Streamlined operations by implementing an automated pipeline to ensure consistent and replicable processes.

Gesture Recognition | *Mediapipe, OpenCV, Machine Learning, LSTM Neural Network, YOLOv5* — Aug 2023 - Oct 2023
- Internship project for Indian Space Research Organisation achieving a accuracy greater than 92%.
- Created and implemented systems for Sign Language Detection, Object Detection, Body Language Decoding, and Pose Estimation by applying advanced Computer Vision, Machine Learning, and Deep Learning techniques.

EXPERIENCE

Reliance Jio Platforms Ltd. | *Intern* — Sep 2023 – Oct 2023
Designed and developed ETL processes, enhancing data processing efficiency, utilizing Microsoft Azure Platform to collect, process, store and visualize data.

Indian Space Research Organisation | *Remote Intern* — Aug 2023 - Oct 2023
Deployed innovative systems for Sign Language Detection, Object Detection, Body Language Analysis, and Pose Estimation by leveraging advanced Computer Vision, Machine Learning, and Deep Learning techniques.

INVOLVEMENTS/ EXTRACURRICULAR

RoboVITics Club, Vellore Institute of Technology | *Senior Core Committee Member* — May 2022 - Present
- Managed events for RoboVITics Club, during college technical fest, including Machine Design and ROBOWARS, resulting in the highest competitive completion with over 100 teams.
- Engaged in 10+ specialized sessions within the electrical and mechanical domains, orchestrated by senior members of the club, to acquire practical expertise in these fields.