SHOURISH PAUL

shourish365@gmail.com | 9811416165 | https://www.linkedin.com/in/shourish-paul-3555192a9/

GitHub: https://github.com/sp7179   **LeetCode :** https://leetcode.com/u/shourish356/   **Portfolio:** https://shourishverse.vercel.app/

CS undergrad with 500+ DSA problems solved. Proficient in Python, ML, and full-stack development. Delivered 5+ impactful projects using wed framework. Effective communicator, collaborative team player with leadership experience and time management skills. Passionate about scalable, user-focused tech.

Skills

- **Programming & Core CS:** Python, Java, JavaScript, SQL, Data Structures and Algorithms, OOPs, DBMS, Operating System
- **Frameworks & Technologies:** React.js, Next.js, Express.js, Tailwind CSS, MongoDB, Git, MySQL, FastAPI
- **AI-ML & Data Analytics:** MS Excel, Power BI, Pandas, NumPy, Seaborn, MediaPipe, Scikit-learn
- **Tools & Platforms:** Github, Postman , Render, Vercel, Linux, Docker, Node.js

Education

SRM Institute of Science and Technology, Delhi NCR
BTech in Computer Science and Engineering, CGPA – 9.9   06/2023 - 05/2027

Air Force School Hindan Ghaziabad
XII (CBSE), Science, Percentage – 91.2%   04/2022 - 03/2023

Projects

❖ **Vision-Driven Gaming |** *https://github.com/sp7179/Sign_detection_game_hub.git*   04/2025 – 07/2025
- Accomplished **96.4% accuracy** in real-time hand gesture **classification across 6 classes** using a custom pipeline with MediaPipe, Detectron2, and multithreaded Python.
- **Mapped** gestures to **20+ keyboard events/min** with **<120 ms latency**, replacing traditional input devices for smooth, real-time game control.
- **Increased user interactivity** and accessibility **by 100%**, cut physical **input dependency by 90%**, and enabled seamless control across multiple gaming environments.

❖ **Customer Feedback Intelligence |** *https://github.com/sp7179/infosys_customer_feeback_analysis.git*   05/2024 - 07/2024
- Processed and organized **3,200+ real-world customer feedback records**, normalized text data, analysis-ready datasets for downstream use.
- Applied sentiment polarity, confidence scoring, and aspect-wise categorization across **6 distinct customer experience dimensions**, achieving **~82–84% validation consistency**.
- Incorporated an **active learning retraining** loop with live dashboards, **reducing manual insight** turnaround time by **~45–48%** and improving feedback review efficiency.

❖ **AI Desktop Automation |** *https://github.com/sp7179/desktop-assistant.git*   01/2024 – 03/2024
- **Automated 6+ desktop apps** via voice commands and speech recognition, increasing task **efficiency by 40%** and **saving 25+ minutes** of manual input per day.
- **Integrated** OpenAI-powered Q&A handling **100+ queries/session** at **95% reliability**, with real-time translation in **12 languages** and focus mode that blocks distractions from **8+ apps**.
- **Designed** a facial recognition–based logging system using SQLite to store **100+ interactions**, enabling behavioural insights and adaptive user personalization.

Experience

❖ **Bharat Electronics Limited (BEL) |** Systems & Database Intern   12/2025 – 01/2026
- Maintained and organized **10,000+ system and application log records** within structured database tables, supporting reliable access, auditing, and traceability.
- Performed data normalization, indexing, and integrity checks across **20+ system attributes**, improving query efficiency and reducing inconsistencies.

❖ **Infosys** | AI / ML Intern   09/2025 – 11/2025
- Processed **3,200+ real-world customer feedback records**, converting raw textual data into structured inputs for downstream analysis.
- Applied sentiment polarity, confidence scoring, and aspect-wise categorization **across 6 customer** experience dimensions, **achieving ~82%** consistency on validation samples.
- Streamlined feedback evaluation workflows, cutting manual review effort by **47%** and enabling **faster insight** delivery for reporting teams.

❖ **Next24Tech** | Data Analyst Intern   06/2024 – 07/2024
- **Analyzed** over **2500+ data entries** using Pandas and NumPy, discovering patterns that led to a **22% increase** in reporting fidelity.
- **Crafted** 10+ predictive dashboards with Matplotlib and Seaborn, supporting real-time decisions with **85% confidence validity.**

Key Achievements

❖ **Certified in Artificial Intelligence Foundation Associate** - (*Oracle*)   02/2025 – 02/2025
- Secured **89% score** in a enterprise-level assessment covering **AI fundamentals, machine learning, neural networks**, and **real-world AI use cases**.
- Demonstrated proficiency across **10+ graded modules** with assessments, case studies, and applications of **AI principles, ethics**, and **industry-aligned problem-solving.**

❖ **Earned Microsoft Applied Skills Credential -** (*Azure AI- Intelligent Document Processing Solution*)   07/2024 – 07/2024
- Executed **8+ hands-on tasks** automating document workflows, achieving **95–98% exactness** in **data extraction, classification, and analysis** across structured and unstructured inputs.
- Deployed **3 end-to-end pipelines** using **Python, and REST APIs**, including **custom model training**, **key-value pair extraction**, and **layout detection**.

❖ **Cleared National-Level NPTEL Java certification -** (*IIT-Madras*)   02/2024 – 02/2024
- Ranked in the **top 25% out of 75,000+ candidates** nationwide in a proctored certification exam, conducted by IIT Madras under the Ministry of Education.
- Achieved **Elite Certification** by consistently scoring high across **8 weeks** of graded programming assignments and final evaluation, demonstrating Java expertise with object-oriented design