Gulshan

Fazilka, Punjab, India | gulshan1001v@gmail.com | +91 8968319641 | github.com/gulshanvinayak1

linkedin.com/in/gulshanvinayak1

Education

M.Tech in Signal Processing and Machine Learning   *2024 - 2026*
Dr. B.R. Ambedkar National Institute of Technology Jalandhar (NIT Jalandhar)
Relevant Coursework: Machine Learning, Deep Learning, Signal Processing

B.Tech in Electronics and Communication Engineering   *2020 - 2024*
Dr. B.R. Ambedkar National Institute of Technology Jalandhar (NIT Jalandhar)

Senior Secondary Education   *2018 - 2020*
PSEB Board - Govt. Model Senior Secondary School, Fazilka, Punjab

Key Skills

Programming Languages:	C, C++, Python, SQL, Java (Basic)
Web Development:	HTML, CSS, JavaScript, Bootstrap
Relevant Coursework:	Operating System, DBMS, Data Structures, Computer Architecture
Tools:	Linux, GitHub, MATLAB, Cloud Platforms (Google Cloud)
Soft Skills:	Analytical Thinking, Problem Solving, Team Collaboration, Time Management

Experience

Junior Web Developer   *June - July 2023*
Pinpencil LLP, Remote (Mohali)

- Designed and developed responsive portfolio templates for an open-source platform, simplifying portfolio creation for users.

- Collaborated with a cross-functional team to enhance UI/UX, ensuring visually appealing and user-friendly templates.

Projects

- **Gemini Talker:** Developed a chatbot using machine learning to assist students with JEE Mains rank predictions and college allocations during JOSAA counseling. Designed the chatbot to support multiple languages, enhancing accessibility and usability.

- **GreenHub:** Built an interactive platform that connects users with local environmental initiatives. Integrated impact tracking and community-driven projects to encourage sustainable practices and social responsibility.

- **WiFi-Enabled Pen:** Engineered a smart pen with an automatic retractable nib, controlled via a mobile app. The app allows users to set a time duration, after which the nib retracts automatically, preventing further use.

Achievements

- **LeetCode Practice:** Solved **200+ questions**, strengthening problem solving skills.

- **Best Final Year Project:** Awarded for outstanding project execution.

- **Regional Languages Club:** Established and led a club with more than **300 members** promoting linguistic and cultural diversity.

Licenses & Certifications

- **Supervised Machine Learning: Regression and Classification**

- **Google Cloud Fundamentals: Core Infrastructure**

- **HTML, CSS, and JavaScript for Web Developers**