Sanjana Sajan Gharat

Navi Mumbai | sanjanagharat16@gmail.com | 9619750636 | Myportfolio.com | Linkedin | Github

SKILLS

- **Programming Languages:** C++, Java, Python, SQL, JavaScript, HTML,Tailwind css, CSS
- **Soft Skills:** Team Collaboration, Project Leadership, Effective Communication

Education

PACE Jr. Science College	Grade: 88.67%	2020 – 2022
VIT Bhopal University	CGPA: 8.86	2022 – 2026

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Experience

Hackonblocks | Web3 Developer — June 2024 – July 2024

- Built a blockchain DApp handling **50+ daily transactions** using Web3.js and smart contracts, reducing gas fees by **15%** through optimization
- Attended **6 workshops** with **10+ industry experts**, implementing learned techniques to improve contract efficiency by **25%**

Pinak Idea Lab | Front-End Developer Intern — Oct 2024 – Jan 2025

- Developed **15+ responsive web pages** using Tailwind CSS/JavaScript, improving page load speed by **30%** through lazy loading
- Achieved **100% on-time delivery** of features while working **25 hrs/week**, maintaining **98% code coverage** in unit tests

Projects

Genexis | Epigenetic Aging Reversal Predictor — GitHub

- Trained model on **1,000+ biomarker datasets**, achieving **85% accuracy** versus clinical benchmarks
- Visualized data with Chart.js, reducing user interpretation time by **40%** through interactive dashboards

BlazeFix | Forest Fire Prediction System — GitHub

- Achieved **89% prediction accuracy** by processing **10GB/day** of NOAA/MODIS data
- Deployed prediction model serving **50+ simultaneous users** with **<1s response time**

Certificate

- Programming with Python 3.X | Simplilearn
- Cloud Computing | NPTEL
- Backend Web Development | Microsoft Learn Student Ambassadors
- Postman API Fundamentals Student Expert
- Insights on Computational Data Science | IU Indianapolis

Extracurricular

Open Source Club, VIT Bhopal | Core Member (Design Team) — 2024 – Present

World Energy Conference (Turkey) | Participant & Research Paper Publication — 2024

Ericsson Edge Academia Program | Top 500 Student Selected — 2024