DIVYESH GANGERA

Backend Developer | Software Engineer

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PROFILE SUMMARY

Computer Engineering graduate with hands-on industry experience at Silent Infotech, building data pipelines, machine learning models, and backend systems using Python, SQL, and Node.js. Skilled across the data lifecycle — from ETL and database optimization to predictive modeling and RESTful API development. Solved 300+ DSA problems on LeetCode and HackerRank, with a strong foundation in CS fundamentals and a drive to build scalable, data-driven solutions.

EXPERIENCE

Silent Infotech *Gandhinagar, India*

Software Engineer *Jan 2026 – Present*

- Converted to a full-time role after a 6-month internship based on strong performance and contribution.
- Designed complex backend workflows on Odoo to solve real business requirements.
- Independently analyzed functional requirements and owned the full cycle — designing, solving, and implementing end-to-end backend workflows for user ease.
- Built backend logic using Python, PostgreSQL, and Git in a collaborative team environment.

EDUCATION

BE, Computer Engineering — GEC Gandhinagar, India — *CGPA: 8.70 | 2022–26*

Minor in Internet of Things (IoT) — GEC Gandhinagar, India — *Grade: AB | 2024–26*

XII (GSEB), Ashadeep Vidhyalay–1, Surat — *80.30% | 94.50 PR | 2021–22*

X (GSEB), Ramkrushna Vidyabhavan, Surat — *88.17% | 99.44 PR | 2019–20*

SKILLS

- **Languages**: Python, JavaScript**, C++**
- **Backend:** Node.js, Express.js, REST APIs, Odoo
- **Databases:** PostgreSQL, MySQL, MongoDB
- **ML/AI:** Scikit-learn, Pandas, NumPy, EDA
- **Tools:** Git, GitHub, Postman, VS Code
- **Core CS:** DSA, OS, DBMS, OOP, CN

PROJECTS

YouStreamPro | Node.js, Express.js, MongoDB, JWT, Cloudinary *GitHub*

- Built a scalable video-streaming backend with user auth, video uploads, playlists, subscriptions, likes, and comments, powered by MongoDB and Cloudinary.
- Implemented secure JWT authentication with cookie-based sessions, password reset flow, and role-based access control across protected routes.
- Designed a real-time analytics dashboard tracking views, likes, and subscribers, and documented a full REST API via Postman.

Placement Prediction System | Python, Pandas, Scikit-learn, Tkinter *GitHub*

- Developed an ML application predicting student placement outcomes on 10,000+ records using Logistic Regression and Decision Trees, reaching 78% accuracy.
- Built an interactive Tkinter GUI for real-time predictions with input validation and integrated model inference.

Bengaluru House Price Prediction | Python, Pandas, NumPy, Scikit-learn *GitHub*

- Built an end-to-end ML pipeline predicting property prices on 13,000+ real estate records using Linear Regression.
- Cleaned and preprocessed raw data (missing values, duplicates, inconsistencies) to improve model reliability.
- Ran exploratory data analysis and visualizations to surface location-wise pricing trends for feature selection.

Social Blog App | React.js, Appwrite, JavaScript, Tailwind CSS *GitHub*

- Built a full-stack blogging platform with secure auth, session management, and full CRUD post management.

- Integrated cloud-based image upload and storage via Appwrite for media-rich posts.

ACHIEVEMENTS

- **Winner of Ideathon:** Proposed a VR-based therapeutic solution for mental & physical health | Certificate
- **Finalist of New India Hackathon (NIH):** Built a full-stack Government Scheme Portal (Angular.js, Express.js) handling both frontend and backend as part of a team | Certificate
- **Coordinator, HackTheSpring'25:** Managed planning and execution of a 3-day national hackathon (Feb 28–Mar 1, 2025) | Certificate

CERTIFICATIONS

- **SnowPro Associate: Platform | Credential ID: S134975-260131-SOL | Verify** : Cloud data platform, SQL operations, data warehousing, cloud architecture fundamentals.
- **Introduction to AI and Machine Learning** | Government of Gujarat, BSE Institute & RUSA Gujarat State | Certificate No: RUSA/KCG/BSE/2025/1195 | **Verify**
- **Artificial Intelligence Summer Internship** | CSRBOX Foundation, GTU Program | Unique ID: CSRBOX2025AI0739 | **Verify**