

# PRIYANSH LATHIGARA

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## PROFESSIONAL SUMMARY

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Software Engineering student with strong foundations in data structures, algorithms, and database systems. Hands-on experience building scalable web applications and RESTful APIs using modern technologies. Proficient in problem solving, backend development, and collaborative software development. Seeking internship or entry-level software engineering roles.

## SKILLS

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| Languages              | C++, SQL, JavaScript, Python   |
| Frameworks & Libraries | React, Node.js, Express, Pandas, NumPy, Matplotlib                           |
| Databases              | MongoDB, PostgreSQL  |
| Developer Tools        | Git, Postman, VS Code, Figma   |
| Coursework             | Data Structures and Algorithms, DBMS, Agile SDLC, Software Testing           |
| Soft Skills            | Logical problem-solving, Deadline management, Continuous improvement mindset |

## EDUCATION

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| <b>B.Tech in Information and Communication Technology</b><br>Dhirubhai Ambani University (Formerly DAIICT), Gandhinagar<br>CPI: 7.02 | 2022 – Present |
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| <b>Higher Secondary (GHSEB)</b><br>Shree Raj School, Rajkot<br>Percentage: 86.15% | 2021 - 2022 |
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| <b>Secondary (GSEB)</b><br>Maruti Motherland School, Rajkot<br>Percentage: 91.33% | 2019 - 2020 |
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## PROJECTS

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**Expensify – Budget Management System** | React.js, Node.js, Express.js, PostgreSQL, Tailwind CSS [Github](#)

- Architected a responsive full-stack expense and budget management application with role-based dashboards for tracking and analyzing daily spending.
- Built secure RESTful APIs using Node.js and Express.js, integrated with PostgreSQL (NeonDB) to support scalable and reliable data storage.
- Implemented JWT-based authentication and role-based access control to manage user sessions and protect user data and financial information.
- Delivered real-time budget alerts and interactive data visualizations using Chart.js and Tailwind CSS to improve financial insights and user experience.
- Applied Agile (Scrum) development practices by defining user stories, acceptance criteria, and contributing to sprint planning, reviews, and feature delivery.

**LinkSlice – URL Shortener Platform** | Node.js, Express.js, MongoDB, JWT, EJS [Github](#)

- Engineered a scalable URL shortening web application enabling fast redirection and click-count analytics for shortened links.
- Created secure RESTful APIs using Node.js and Express.js with JWT-based authentication and role-based access control for multi-user management.
- Utilized MongoDB to efficiently store and retrieve URLs, user data, and access history, ensuring high performance and scalability.
- Built dynamic, server-side rendered dashboards using EJS to visualize link statistics and user activity.

- Strengthened application reliability and security by adding centralized error handling, input validation, token verification, and protected API routes.

## StreamWave – Twitch-Inspired Database System | PostgreSQL, ER Diagrams, Normalization

[Github](#)

- Modeled a relational database schema for a streaming platform supporting users, streams, chats, and subscriptions.
- Constructed ER diagrams and applied database normalization up to BCNF to ensure data consistency and eliminate redundancy.
- Authored SQL scripts for full CRUD operations, enabling efficient data insertion, retrieval, updates, and deletion.
- Optimized database performance by applying indexing strategies and evaluating query execution for frequently accessed tables.
- Enforced data integrity using primary keys, foreign keys, and constraints to maintain referential integrity across entities.

## ACHIEVEMENTS

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- Scored **108.75/120** in GUJCET (ACPC Rank: **218**) and **97.14 percentile** in JEE Mains (AIR: **25,862**).
- Completed **300+ coding problems** across competitive programming platforms.
- Achieved **1650+ rating** and solved **250+ problems** on [LeetCode](#).
- Solved **50+ problems** and earned **2★ rating** on [CodeChef](#).

## Certifications

- **Google Cloud Certified — Prompt Design in Vertex AI (Skill Badge)**

Mastered Generative AI concepts including large language models (LLMs), image generation, and responsible AI principles; applied practical prompt engineering techniques using Vertex AI Studio.

Credential: [Link](#)

- **Postman API Fundamentals Student Expert**

Gained hands-on experience with REST API concepts including HTTP methods, request parameters, headers, authentication mechanisms and status codes; created and executed API collections, automated test scripts, and documentation using Postman.

Credential: [Link](#)