

Lovel George

Montreal, Quebec, Canada

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TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, HTML 5, CSS, SQL

Frameworks: React.js, NextJs, NestJs, GraphQL, Node.js, Express.js, Tailwind CSS, ElizaOS

Dev Tools & CI/CD: Git, GitHub Actions, Docker, AWS

Databases & Libraries: SQL, MongoDB, Postgres, TypeORM, Prisma, Redis, RESTful API

EXPERIENCE

General Magic

May 2024 – Present

Software Developer

Montreal, QC

- Built and deployed a decentralized investing platform **Polygon Blockchain** integrating **Web3** wallet connectivity to facilitate over \$150k in funding with 3,000+ users.
- Integrated payment processing using **Web3 wallets**, securely transferring over 5,000 transactions and monitoring token transfers in real time to ensure seamless and secure financial operations.
- Enhanced code efficiency by replacing cron jobs with **Postgres Materialized Views**, reducing database server load by 40% and improving data refresh speed by 30%
- Led backend architecture design with **Nest.js**, **Prisma ORM**, and **PostgreSQL**, and engineered API integrations and maintained server-side logic.
- Developed an AI-Agent for project evaluation using **Eliza Framework**, leveraging NLP techniques to assess projects based on different technical criteria.
- Optimized database performance by replacing inefficient **ORMs** functions with raw SQL queries, resulting in up to 60% faster data retrieval
- Resolved **MongoDB** deprecations and improved code quality through cross-team collaboration and peer reviews, reducing maintenance overhead by 30%

Orange Dice Solutions

Aug 2020 – Oct 2021

Software Developer

Kochi, India

- Developed a robust API in **Express.js** and **Node.js**, enabling seamless data retrieval from the **MYSQL** database, leading to a 25% reduction in front-end loading and better user experience.
- Integrated **Redis cache server** to manage caching, reduce database load, and improve system responsiveness.
- Integrated automated testing in the development process using **chai.js** for unit testing, improving bug detection by 80%
- Participated in peer **code reviews**, increasing the code quality and consistency across team projects by 10%.
- Orchestrated **Agile and scrum methodologies**, documentation, and technical design across cross-functional teams, ensuring on-time delivery.

EDUCATION

Concordia University

January 2022 – December 2023

Master of Applied Computer Science

Montreal, QC

Karunya University

Aug 2017 – Aug 2021

Bachelor of Computer Science

Tamil Nadu, India

PROJECTS

Expense Tracker | [GitHub](#)

- Full-stack MERN-based Expense Tracker with modern UI/UX and data visualization using **ReactChartJS2**.
- Engineered full CRUD functionality within the expense tracker application, empowering users to seamlessly manage financial data, resulting in a 35% increase in user engagement.

House Price Prediction Application | [GitHub](#)

- Created a precise house price prediction model with 98% accuracy using Linear Regression and scikit-learn.
- Created a user-friendly **python flask** web app with a **Materialize** frontend, accessible for real estate insights..
- Configured a GitHub Actions CI/CD pipeline, automating the build, test, and deployment of the application within Docker containers, resulting in a 75% reduction in release cycle time.