

# SRIJAN RAVISANKAR

☎ 807-620-0780 ✉ [srijanvr@gmail.com](mailto:srijanvr@gmail.com) 💻 [srijanravisankar](https://srijanravisankar.com) 🌐 [srijanravisankar](https://srijanravisankar.com) 📍 Thunder Bay, ON

## TECHNICAL SKILLS

---

**Languages:** Python, TypeScript, JavaScript, Kotlin, PostgreSQL, HTML/CSS, MongoDB, SQLite  
**Libraries/Frameworks:** ReactJS, React Native, NodeJS, FastAPI, Flask, Ktor, TailwindCSS, MUI  
**Developer Tools:** Google Cloud, Azure, Kubernetes, Docker, Git, Linux, Postman, Supabase, Gradle

## EDUCATION

---

**Lakehead University** Thunder Bay, ON  
*Honors Bachelor of Science in Computer Science | CGPA: 86.8% Expected Graduation: June 2027*

- **Relevant Coursework:** Software Engineering, Relational Databases, Data Structures, Cloud Computing, Computer Security, Cryptography, Computer Networks, Operating Systems, Data Science

## TECHNICAL EXPERIENCE

---

**Odsseyelp** | [Live Demo](#) | [Source Code](#) November 2025 – December 2025  
*Next.js, TypeScript, Tailwind, Shadcn, Supabase, PostgreSQL, Gemini*

- Integrated Google Gemini and Yelp Fusion APIs to transform natural language into a Travel Engine, and reduced potential API overhead by 60% through the implementation of a 300ms debounced search
- Leveraged WebSockets to reduce data sync lag from several seconds to 100ms, enabling a zero-latency collaborative group chats with secure invite systems, community voting, and interactive comments

**Heyday** | [Live Demo](#) | [Source Code](#) December 2025  
*React Native (Expo), TypeScript, WatermelonDB, SQLite, CSS*

- Engineered a Universal Cross-Platform Productivity Application using React Native and TypeScript, implementing a unified codebase for 3 different OS with dynamic database adapters
- Implemented a platform-agnostic build pipeline dynamically swap database adapters and engineered complex CRUD operations for custom routines and interval with offline persistence and 0-latency UI

**Wallet** | [Frontend Code](#) | [Backend Code](#) October 2025 - November 2025  
*Ktor, Kotlin, Gradle, PostgreSQL, JDBC, BCrypt, Docker, Concurrency*

- Architected a high-performance Kotlin/Ktor API using custom JDBC persistence and optimized PostgreSQL schemas to scale complex financial operations
- Engineered a secure, Dockerized backend utilizing thread-safe concurrency (ReentrantLocks) and functional patterns to ensure high-performance data integrity

**Memento** | [Release](#) | [Source Code](#) May 2025 – July 2025  
*JavaScript, React.js, Python, FastAPI, SQLAlchemy, SQLite*

- Built a modular full-stack flashcard app using React.js and FastAPI with FSRs-based spaced repetition
- Ensured robust AI flashcard generation and data handling utilizing open source LLMs, and released installable binaries through GitHub Releases for public usage ensuring smooth deployment process

## HACKATHONS & COMPETITIONS

---

**YuKeSong2025 Hackthon - Award of Excellence** | [Award](#) November 2025

- Ranked as a top participant for successfully architecting and deploying a functional AI-driven study tool
- Recognized for meeting 100% of technical submission requirements, including stable API integration

## CERTIFICATIONS

---

**Boot.dev Certifications** | [Docker Certification](#) | [Linux Certification](#) | [Git Certification](#)  
**GCP Skills Badges** | [Infrastructure](#) | [Networking and Security](#) | [Cloud Fundamentals](#)