

PARAMVIR SINGH

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Professional Summary

Computer Programmer and Computer Management (CPCM) graduate with strong expertise in full-stack software development, systems design, and IT project management. Proven ability to build robust web and desktop applications using modern frameworks and technologies. Adept in cloud computing, database systems, and software engineering principles. Passionate about delivering scalable solutions with excellent user experiences.

Education

LAMBTON COLLEGE - COMPLETED

CPCM Program

CPCM Program Graduate - Computer Programmer and Computer Management

- Completed a comprehensive program focused on software development, systems analysis, database design, and IT project management.
- Gained hands-on experience in building scalable web and desktop applications using modern programming languages and frameworks.
- Developed a solid foundation in software engineering principles, networking, and cloud computing practices.

Skills: software development, database management, cloud computing, system design, communication

Projects

ONLINE RESTAURANT APP

- Spearheaded the development of a dynamic full-stack restaurant application enabling users to browse menus, subscribe to newsletters, and place online orders.
- Orchestrated user-role differentiation with secure login functionality for both customers and admins.
- Admin dashboard included CRUD operations for supervising menu items and pricing.

ONLINE RESTAURANT APP, UI

- Implemented responsive UI for seamless mobile and desktop experiences.
- Skills - React, Node.js, Express, MongoDB, full-stack development, UI/UX, REST API

BLOGGING PLATFORM

- Engineered a blogging platform allowing users to register, post blogs, and engage with content through likes, comments, and following other users.
- Designed a user-centric profile section displaying followers and following lists to enhance engagement.
- Ensured seamless navigation and consistent performance across sessions.
- Skills - Java, Java Web Development, MVC architecture, user authentication, relational databases

SUMMARIZER TOOL

- Developed a robust text and code summarization tool supporting multiple writing styles (academic, casual, business).
- Enabled desktop deployment with a floating UI component for real-time summarization triggered by hotkeys.
- Integrated Stripe payment system for one-time licensing and managed cross-platform (Windows, Mac, Linux) compatibility.
- Built dynamic settings UI to manage writing style, word count, and theme preferences.
- Skills - Python, Flask, Tkinter, Flask-SQLAlchemy, Stripe integration, desktop app development, NLP

AI SCHEDULE GENERATOR| SUMMARIZER TOOL

- Designed and developed a web application where users can create accounts and upload project overviews to generate automated schedules.
- The system analyzes project inputs and generates a detailed schedule with task breakdowns, durations, and resource allocation.
- Implemented project data storage and efficient schedule generation algorithms.
- Skills - Python, Flask, OPEN AI API, project management tools, web development

Skills

- Programming Languages & Frameworks: Python, Java, C#, JavaScript, React, Node.js, Express, Flask, .NET, Java Web Development
- Databases & Backend: MongoDB, SQL, PL/SQL, Flask SQLAlchemy
- DevOps & Cloud: Terraform, Azure, AWS, Google Cloud Console
- Frontend & UI: CSS, Tailwind CSS
- Other Tools & Technologies: Stripe, Tkinter, REST APIs, version control (Git), cross-platform deployment, desktop applications