PARAMVIR SINGH

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https://github.com/sketchy-programmer

Professional Summary

Full Stack Application Developer and CPCM graduate with hands-on experience building secure, scalable, and high-performance web applications using React, Node.js, RESTful APIs, and cloud platforms. Strong background in full-stack development, API design, database-driven applications, and modern frontend frameworks. Proven ability to deliver clean, modular, and well-documented code while collaborating effectively with cross-functional teams. Actively building production-ready applications with AI integration, cloud deployment, and real-world use cases.

Technical Skills

- **Frontend Development**:
  React.js, JavaScript (ES6+), Vite, Tailwind CSS, Responsive UI Design
- **Backend Development**:
  Node.js, Express.js RESTful API Design, C#/.NET. Flask
- **Databases**:
  SQL Server, MongoDB, SQL, PL/SQL, FlaskSQLAlchemy
- **Cloud & DevOps**:
  Microsoft Azure, AWS, Google Cloud, Terraform, Git, CI/CD basics
- **Tools & Technologies**:
  OPENAI API, Multer, Mammoth, PDF Parsing, Stripe, GitHub, Postman

Professional Experience

Junior Frontend Developer
Best Price - Punjab, India   Feb 2022 - Mar 2023

- Developed and maintained responsive user interface using React.js, JavaScript (ES6+), HTML, and CSS, ensuring compatibility across modern browsers and devices.
- Collaborated closely with backend developers to integrate RESTful APIs, enabling dynamic data rendering and seamless user interactions.
- Converted UI/UX designs into clean, reusable, and well-structured frontend components following best practices.
- Optimized frontend performance by reducing unnecessary re-renders and improving components structure, enhancing overall user experience.

- Participated in debugging , testing, and resolving fronted issues to ensure high-quality, stable releases.

Projects

Resume Tailoring Web Application (AI-Powered)
- Designed and developed a full-stack application that customized resumes based on job descriptions, improving relevance and ATS alignment.
- Build a modern [React.js](#) frontend using Vite for fast performance, responsive UI, and seamless file uploads.
- Developed secure and scalable RESTful APIs using [Node.js](#) and [Express.js](#) to process resumes and job descriptions.
- Implemented PDF and DOCX resume parsing using Multer, Mammoth, and PDF processing libraries.
- Integrated OpenAI API to generate structured, job-specific resume content.
- Deployed the frontend on Vercel with continuous GitHub-based deployment and environment-based configuration.
- Live Demo: https://resume-tailor-frontend-dun.vercel.app/

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.

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

- Live Demo: https://indian-delicacy-vsqs.vercel.app/Admin

PORTFOLIO WEBSITE
- Built a personal portfolio website to showcase projects, technical skills, and achievements interactively and professionally.
- Designed a clean and responsive UI with modern frameworks, ensuring compatibility across devices.
- Integrated project sections with detailed case studies, GitHub links, and contact information to highlight expertise in full-stack development.

● Deployed the application using cloud hosting services with version control via GitHub for continuous updates.
● Skills – React, Tailwind CSS, JavaScript, Responsive Design, Deployment
● Link: https://portfolio-mocha-mu-54.vercel.app/

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, OpenAI API, project management tools, web development

Education:
Lambton College - Mississauga, ON | 2023 - 2025
Computer Programmer & Computer Management (CPCM)
  ● Comprehensive training in full-stack development, system design, databases, and cloud computing.
  ● Hands-on experience with enterprise-style applications and deployment workflows

Guru Nanak University - Jalandhar, Punjab, India | 2019 - 2021
Diploma in Full Stack Development
  ● Practical Training in frontend and backend web development.
  ● Built full-stafck applications using JavaScript, React, Node.js, REST APIs, and databases.
  ● Strong foundation in UI development, API integration, and Software development best Practices.