RAVJOT DUHRA

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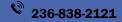## PROFILE

Full-Stack Software Engineer with proven experience in web application development and IT infrastructure management. Utilizing strong technical expertise in both front-end and back-end technologies with a track record of delivering impactful business solutions. Seeking further opportunities to apply such practices in the development of innovative software solutions.

TECH SKILLS

⊕ *Infrastructure:* Windows, Linux. Active Directory, Azure.

⊕ *Frontend*: HTML5, CSS, Tailwind CSS, Three.js, Framer-Motion

⊕ *Backend:* Python, Java, JavaScript (Node.js), C++.

⊕ *Web Frameworks:* React.js, Next.js, Django, Express.js.

⊕ *Databases:* MySQL, SQLite, MariaDB, Pocketbase, Firebase.

⊕ *API Development:* Insomnia, RESTful.

⊕ *Cloud & Tools:* Git, GitHub, Microsoft 365 Suite, AWS.

OTHER

⊕ **Certifications:** Meta Backend Developer Professional Certificate (2024).

EXPERIENCE

CODERS AI TRAINING| BRAINTRUST | OCTOBER 2024 – PRESENT

- ❖ Training AI LLMs by designing prompts in relation to API requirements.
- ❖ Conducting validation testing by attempting to make AI models fail to ensure robustness.

FRONT-END ENGINEER | STALLION GROUP SECURITY | JANUARY 2024 - PRESENT

- ❖ Engineered and launched company's web presence using 10web CMS, driving a 50% increase in client sales through an optimized user-experience.
- ❖ Implemented targeted digital marketing strategy via TikTok ad integration, defining audience segments for British Columbia's Lower Mainland.
- ❖ SEO implementation using keyword optimization to increase search rankings to drive organic traffic.

SERVICE DESK ANALYST CO-OP | MICROSERVE | DECEMBER 2022 - SEPTEMBER 2023

- ❖ Provided Tier-1 technical support via ConnectWise while maintaining high-service quality across a diverse client base.
- ❖ Managed enterprise IT infrastructure: Active directory, GPO, Windows Server Administration to ensure smooth client operations.
- ❖ Sync'd One-Drive, troubleshooted syncing issues via remote tools (Windows RDP, TeamViewer).
- ❖ Orchestrated Email Migrations: Converted existing OST files to PST format to ensure compatibility and data accessibility.
- ❖ Supported specialized software applications by automating scripts to streamline onboarding processing via PowerShell & Batch.

SALES REPRESENTATIVE | CLUB16 TREVOR LINDEN | AUGUST 2018 - DECEMBER 2022

- ❖ Delivered exceptional customer service by consistently selling 20+ memberships monthly, meeting monthly quotas.
- ❖ Identified prospective customers by using business directories and developing leads by networking within the community.

EDUCATION

KWANTLEN POLYTECHNIC UNIVERSITY | BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY | GRADUATING 2025

ECOLE PANORAMA RIDGE SECONDARY | SEPTEMBER 2013 – JUNE 2018

- ∞ High School Diploma

PROJECTS

FULL-STACK DJANGO RESTAURANT APP | OCTOBER 2024

- Developed a full-stack web app using Python in Django's framework, enabling users and admins to perform CRUD operations on menu items, accounts and reservations.
- Designed dynamic views for HTTP request and response handling with the integrations of RESTFul APIs to support client server communication.
- Implemented a responsive UI for a smooth user experience on all device platforms.
- Configured MySQL database to handle data consistency for users, reservations and menu items.

  Tech Stack: Python| Django | MySQL | HTML & CSS | JavaScript | DjangoRestFramework | RESTFul

TICKETHUB FULL-STACK APPLICATION | JULY 2024

- Developed a full-stack event discovery platform using modern technologies to find festivals and events globally via the Ticketmaster's discovery API.
- Created responsive UI with the practices of Tailwind CSS.
- Integrated backend configuration, enabling user registrations, authentication and personalized event searches.

  Tech Stack: Next.js | Tailwind CSS | TypeScript | PocketBase | Discovery API

ANDROID FULL-STACK JOURNALING APPLICATION | APRIL 2024

- Developed a full-stack journaling application using Android Studio, allowing users to sign up to perform CRUD operations on their journal entries.
- Utilized Firebase for back-end development, managing data storage, user authentication and real time database functionality.
- Implemented a user-friendly interface that enhances the journaling experience on all Android devices.

  Tech Stack: Java | Android Studio | Firebase

STALLION GROUP SECURITY ONLINE BUSINESSS WEBSITE | FEBRUARY 2024

- Designed and developed a user-friendly interface using 10web CMS that highlights all components of client's business services.
- Integrated SEO best practices to gain higher search rankings by targeting relevant keywords in reference to security services.

  Tech Stack: SEO | CMS | 10web

WEATHER API APPLICATION | FEBRUARY 2024

- A weather app that integrates the OpenWeather API for real-time weather conditions.

  Tech Stack: HTML | CSS | JavaScript | OpenWeather API

RASPBERRY PI 4WD ROBOTIC CAR MOTION DETECTION | DECEMBER 2023

- Developed a motion detection system for 4WD robotic car using Raspberry Pi 4, implementing various detection techniques, including human-face detection, red ball tracking and object avoidance.

  Tech Stack: Python | RealNVC | Raspberry Pi