SURYANSH KHRANGER

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SUMMARY

Experienced backend development leader with a proven track record of spearheading impactful projects in the AI and digital marketing domains. Skilled in optimizing JSON structures and implementing agile methodologies to drive efficiency and accelerate project delivery. Demonstrated success in collaborating with cross-functional teams and adhering to strict confidentiality requirements, ensuring the achievement of project objectives while maintaining utmost professionalism and integrity.

TECHNICAL SKILLS: Python, JSON manipulation, RESTful APIs, Test-driven development (TDD), Continuous Integration/Continuous Deployment (CI/CD), Endpoint Testing softwares (Postman), API experience (FastAPI, RESTAPIs, OpenAI, etc.)

PROFESSIONAL EXPERIENCE

NUTRIVISION INC.   EDMONTON, AB CANADA
Backend Development Lead   *November 2023 – January 2024*

As the Backend Development Lead for Nutrilens AI, I spearheaded the development of robust backend frameworks and efficient JSON structures, facilitating seamless interaction with the AI model and rendering easily presentable information.

Nutrilens AI Project
- Orchestrated the development of backend frameworks, optimizing JSON structures and data manipulation techniques, resulting in a 40% improvement in data processing speed.
- Collaborated with cross-functional teams to align project timelines with marketing, budgeting, and planning departments, ensuring timely release and synchronization of the application.
- Implemented rigorous testing protocols, reducing the occurrence of bugs and errors by 25% and enhancing overall application reliability.
- Utilized agile methodologies to adapt to changing project requirements, leading to a 20% increase in project flexibility and responsiveness.

Artificial Intelligence Response Automation
- Integrated fetching and restructuring processes for prompts from a Google Sheets file into Python JSON data structures, enhancing data accessibility and efficiency by 30%.
- Collaborated with project stakeholders to ensure compliance with non-disclosure agreements (NDAs) while maintaining project confidentiality.
- Streamlined the integration of AI prompting and response generation functionalities, resulting in a 25% reduction in development time and resource utilization.
- Provided technical expertise and support to project teams, contributing to the successful completion of deliverables within tight deadlines.

LEADERSHIP EXPERIENCE

NUTRIVISION INC.   EDMONTON, AB CANADA
Lead Project Developer   *January 2024 - May 2024*

- Directed a cross-functional team of iOS developers, designers, and testers in the development and deployment of a mobile application from concept to launch.
- Led strategic planning sessions to define project scope, milestones, and timelines, resulting in the successful delivery of the app within budget and ahead of schedule.
- Collaborated with stakeholders to gather requirements, provide project updates, and solicit feedback, ensuring alignment with organizational objectives and user needs.
- Orchestrated the testing and quality assurance processes, implementing automated testing frameworks to streamline workflows and improve efficiency.

EDUCATION

UNIVERSITY OF ALBERTA   EDMONTON, AB CANADA
Bachelor's of Science in Computing Science   *April 2026*