



Mitacs Business Strategy Internship (BSI): Partner Proposal RoamlII

Organization Name: RoamlII

Please Send Resume/Cover Letter To: Conor Phillips | Founder & CEO, RoamlII | conor@roamlII.com

Seeking Applicant in:

College of Engineering
Computer Science

Product Developer:

About RoamlII

RoamlII is a Canadian tech startup redefining how people discover and experience local travel. We build smart digital tools that empower small and medium-sized tourism businesses, support civic engagement, and connect travellers with authentic, community-driven experiences.

Our platform is used by cities, Destination Marketing Organizations (DMOs), and tourism operators to promote everything from arts and culture to food festivals, outdoor adventures, and local events. Whether it's building digital infrastructure for regional growth or making it easier for travellers to explore what makes a place special—RoamlII is the connective tissue that brings it all together.

We're a nimble, mission-driven team shaping the future of tourism, civic discovery, and community connection across Canada. If you're excited about building tools that make a real-world impact, you'll fit right in.

Job Summary – Full Stack Product Developer

RoamlII is looking for a skilled full stack developer to join our growing team. You'll play a key role in building, refining, and scaling our digital tools for tourism businesses, cities, and destination partners across Canada.

We're a fast-moving startup, so we're looking for someone who thrives in an agile environment—comfortable balancing speed with strategy, execution with iteration. You'll work across the stack using **Next.js (TypeScript, shadcn/ui)** on the frontend and **Python (FastAPI, SQLAlchemy)** on the backend, with deployments on **Google Cloud Platform (GCP)**. A sharp eye for user experience and UI design is a strong asset.

What You'll Do:

- Design, build, and maintain frontend and backend components of our web platform



- Contribute to the architecture and roadmap of new products and features
- Prioritise high-impact development that drives value for users and ROI for the business
- Collaborate closely with the tech team and leadership to align technical work with company goals
- Proactively participate in discussions, share insights, and suggest improvements
- Work independently in a remote environment, managing your time and deliverables effectively

What You Bring:

- Strong full stack development experience with the technologies listed above
- Solid understanding of UX/UI best practices
- A startup mindset: adaptable, solution-oriented, and comfortable with ambiguity
- Excellent communication and collaboration skills
- A positive attitude, self-direction, and genuine interest in building something that matters
- Willingness to grow with the company and take on increased responsibility over time

At RoamlII, we value initiative, curiosity, and shared wins. This role is ideal for someone who wants to have a meaningful impact, grow their skills, and help shape the future of travel tech in Canada.

Key Responsibilities:

- Develop and maintain user-facing features using Next.js, TypeScript, and shadcn/ui.
- Design, build, and maintain efficient, reusable, and reliable Python code using FastAPI for backend services.
- Develop and manage well-functioning databases (MySQL) and applications, including schema design and migrations using Alembic with SQLAlchemy.
- Integrate with third-party APIs and develop internal APIs within our microservice architecture.
- Deploy, monitor, and manage applications and services on GCP.
- Collaborate with the product team and leadership to translate requirements into technical solutions.
- Write clean, maintainable, and well-tested code.
- Participate in code reviews, design discussions, and contribute to a culture of technical excellence.
- Troubleshoot, debug, and upgrade existing software.



- Ensure the performance, scalability, and responsiveness of applications.

Qualifications & Skills:

- Proven experience as a Full Stack Developer or similar role.
- Strong proficiency in Python and experience with web frameworks like FastAPI (preferred), Flask, or Django.
- Solid experience with JavaScript/TypeScript and modern frontend frameworks, specifically Next.js (or React).
- Experience with UI component libraries/frameworks, preferably shadcn/ui or similar.
- Proficiency with SQL databases and ORMs like SQLAlchemy.
- Experience with database migration tools like Alembic.
- Understanding of microservices architecture principles.
- Experience with cloud platforms (GCP highly preferred; AWS or Azure experience is a plus).
- Familiarity with version control systems (Git).
- Strong problem-solving skills and the ability to work independently and as part of a team.
- Excellent communication and collaboration skills.
- Bachelor's degree in Computer Science, Engineering, or a related field, or equivalent practical experience.

Nice to Haves:

- Experience with CI/CD pipelines and DevOps practices.
- Familiarity with Docker for containerization.
- An eye for UI/UX design principles.
- Experience working in an agile/startup environment.

RoamlII is an early-stage startup, and that means we're in the building phase. It's not always predictable, and it's not for everyone. What we can offer right now is opportunity—the kind that comes from joining a company early, making your mark, and helping shape its future.



Startups go through phases. Right now, we're focused on traction, momentum, and growth. Things like titles, structured benefits, and long-term stability will come with time. If you're entrepreneurial, driven by impact, and excited to grow with a company from the ground up—this could be the opportunity you've been looking for.

Let's build something meaningful together.

Thank you to all applicants. Only those selected for interviews will be contacted.