

Karandeep Ubhi

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SUMMARY

Experienced Software Engineer with 3 years of expertise in Ruby on Rails, JavaScript, and PostgreSQL. Proven ability to design, develop, and deploy robust web applications. Currently employed at PTAG, seeking opportunities to leverage skills in a challenging and collaborative environment to drive innovative software solutions.

EXPERIENCE

Software Engineer | PTAG

December 2023 - Present, Markham, ON

- Continuously developing new features and functionalities for the Waste Management System using Ruby on Rails, enhancing system performance and user experience.
- Authored and maintained robust test suites using Rspec to ensure reliability and functionality of the Waste Management System, significantly reducing bugs and improving system stability.
- Led the seamless migration of the Waste Management System from Rails 5 to Rails 7, improving overall system functionality and security features.
- Conducted data experiments with large language models (LLM) using Python to assess their applicability within the internal system.

Junior Software Engineer | PTAG

December 2021 - December 2023, Markham, ON

- Spearheaded the development and successful launch of a Waste Management tracking system, directing a team of developers to meet key project milestones and enhance system reliability.
- Managed a partially completed Waste Management tracking project, addressing critical missing functionalities, and optimizing the development workflow to achieve on-time delivery.
- Led a team of two developers to finalize the implementation of the Waste Management tracking system, fostering collaboration and technical skill development.
- Administered SQL databases and utilized Rails migrations for continuous deployment, enhancing data integrity and deployment efficiency.
- Coordinated the weekly production release schedule for the Waste Management tracking system, ensuring timely updates and minimizing downtime.
- Integrated an async JavaScript plugin to optimize data entry and display for the Waste Management tracking system, significantly improving user interface responsiveness.

IT Developer Intern | PTAG

September 2021 - December 2021, Markham, ON

- Acquired in-depth knowledge of software engineering best practices and process improvements, significantly enhancing coding efficiency.
- Collaborated with a team of developers to identify and eradicate critical software bugs, enhancing system stability and user satisfaction.
- Developed proficiency in Ruby on Rails framework through self-study and practical application.

Junior Systems Analyst | Magna Powertrain Inc

August 2020 - December 2020, Markham, ON

- Investigated and resolved system issues using diagnostic tools, reducing downtime by 20% for critical operations.

EDUCATION

Bachelor Of Technology - Software Development | Seneca College

North York, ON, 2021

SKILLS

Front End: HTML, Bootstrap, Tailwind CSS, Javascript, JQuery

Back End: Ruby on Rails, PostgreSQL, Python

Leadership: Technical Decision Making, Strategic Technical Planning, Communication