

NIKKI PELCHAT

CHIEF TECHNOLOGY OFFICER

+1 306 435 7241
pelchat.nikki@gmail.com
Regina, SK, CA
nikkipelchat.github.io/Portfolio
ca.linkedin.com/in/nikki-pelchat

EDUCATION

- **MASc in Software Engineering**
2020 | University of Regina
 - Thesis focus: Neural Networks and Deep Learning
- **BASc in Software Engineering**
2014 | University of Regina

PROFICIENCIES

- JavaScript (ES6, ESLint) | 10
- Vue.js | 10
- HTML/CSS/Responsive | 10
- Git | 10
- REST APIs | 10
- Node.js | 9
- Docker | 9
- MySQL/PostgreSQL | 8
- AWS | 7
- PHP/Laravel | 6
- Redis | 6
- Typescript | 5
- React | 5
- Elastic Search | 5

SKILLS

- Confident communicator
- Superior attention to detail
- Strategic thinker
- Proven leader
- Careful listener
- Integral team collaborator
- Seasoned time manager

PROFILE

As an experienced software engineer, I have a passion for developing innovative, robust, and intuitive programs that drive organizational success. I am a skilled leader with the ability to motivate, mentor, and manage a team of professionals to deliver high-quality software solutions on time. My strong communication skills, strategic thinking, and reliability as a programmer enable me to design and implement customized software to meet complex business needs and achieve company objectives. My expertise in modern development frameworks, coupled with a commitment to continuous learning, allows me to adapt quickly to evolving technologies and deliver innovative solutions.

WORK EXPERIENCE

- **Lumeca Health**
 - 2024 – Present | Chief Technology Officer
 - Led the migration to a new video platform provider, overseeing the project from planning through implementation and delivery, while providing regular updates on the project timeline to ensure seamless execution.
 - Managed integrations with numerous third-party services, including video platform providers, a third-party DevOps team, and government entities, ensuring smooth operations and alignment with stakeholder expectations.
 - Executed deployments and coordinated resolutions for any issues that arose, maintaining system reliability.
 - Led coordination between product and development teams to ensure aligned goals and effective communication.
 - Prioritized and delegated tasks to optimize workflows.
 - Maintained and updated comprehensive documentation to support team efficiency and knowledge sharing within a small, agile team.
 - Defined and executed the company's technical vision, driving innovation and scalability within the product architecture.
 - 2020 – 2024 | Principal Software Engineer
 - Scoped, planned, and deployed new custom features as part of a collaborative development team.
 - Responsible for upgrading the frontend from Vue.js 2 to Vue.js 3.
 - Collaborated within a two-person team to establish backend infrastructure for a large-scale scheduling project.
 - Implemented scalable architecture to support complex business requirements.

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PUBLICATIONS

Neural Network Music

Genre Classification

Canadian Journal of Electrical
and Computer Engineering
AUGUST 2020

INTERESTS

- Travelling
- Baking
- Mechanical work
- Renovations and construction
- Plant enthusiast
- Acquiring new knowledge

REFERENCES

Available upon request

WORK EXPERIENCE

University of Regina

- Fall 2024 | Sessional Lecturer
 - Designed and taught a 400-level course on Responsive Web Development, Bootstrap, and Vue.js.
 - Created all course material, including slides, assignments, exams, and assessments.
 - Delivered instruction on HTML/CSS, Responsive Web Development, SASS, Bootstrap, and Vue.js with a focus on practical applications.
 - Evaluated and graded assignments and exams, providing detailed feedback to students and the university.
 - Guided students through advanced topics like Vue.js reactivity, state management, and routing.

GasBuddy

- 2018 – 2020 | Engineering Team Lead
 - Appointed team Leader for a team of 3-5 developers.
 - Responsible for scoping out and laying out new features to be implemented, which required a high-level understanding of the product, available technical solutions, and relative cost implications.
 - Responsible for facilitating the Agile development cycle: daily stand-ups; sprint planning; sprint refinement; and sprint retro meetings.
 - Participated in team lead meetings to relay task requirements, updates, and consumer challenges to the team.
 - Responsible for task prioritization and delegation of tasks.
 - Responsible for hosting weekly check-ins and team member quarterly reviews.
 - Accountable for team building, team moral, production issues mediation, and team conflict resolution.
 - Understand and prioritized the value of effective communication and active listening.
- 2014 – 2018 | Software Engineer
 - Member on a new Node.js project from inception to customer delivered product.
 - Contributing member to project infrastructure's backend, frontend, and integration of numerous third-party services and APIs.
 - Our team did not have access to QA so I assumed responsibility for:
 - Writing, testing, and debugging code to ensure robust code
 - Peer code reviews and verification testing
 - Developing a methodical approach for testing software