

# Prerakkumar Patel

Calgary | [LinkedIn](#) | [Portfolio](#) | [MERN Portfolio](#)  
[prerakkumar.a.patel@gmail.com](mailto:prerakkumar.a.patel@gmail.com) +1 905-922-8135

---

## Summary

*"Innovative Software Developer skilled in React and TypeScript, with expertise in building scalable AWS microservices and optimizing backend systems with MongoDB and PostgreSQL. Proven track record of enhancing CI/CD pipelines, implementing user-centric features, and driving cost reductions. Adept at automation and improving team productivity, with a commitment to continuous learning and impactful technology solutions."*

## Experience

### Software Developer

[Neo Financial](#)

July 2023 – July 2024

- Developed and maintained React applications using TypeScript for a fintech company, resulting in a 30% improvement in application performance and user experience.
- Led the creation of a new microservice using AWS, including architecture design and implementation, achieving a 30% reduction in customer interaction with agents.
- Optimized queries in a production environment with MongoDB and PostgreSQL, reducing response times by 20%.
- Utilized AWS for cost-effective, scalable infrastructure, contributing to a \$20K reduction in operating costs.
- Improved Continuous Integration and Continuous Deployment (CI/CD) pipelines.
- Collaborated with cross-functional teams and conducted end-to-end (E2E) and cross-service testing using Jest and Vitest, reducing bug counts by 25%.
- Implemented a "Copy to Clipboard" button, which streamlined text copying for over 700 users and significantly reduced manual effort(a tangible impact and aligns well with the user-focused approach).
- Demonstrated strong problem-solving skills and identified root causes, leading to a 20% reduction in operational costs.
- Stayed up-to-date with industry best practices and emerging technologies, contributing to a 10% increase in team productivity by implementing automation.
- Implemented crucial features that streamlined processes, saving 2-3 hours of manual work per task, resulting in a 30% increase in overall operational efficiency.
- Successfully eliminated team dependencies by automating specific processes, reducing bottlenecks, and improving workflow efficiency by 25%.

- Initiated and curated a regular engineering newsletter to facilitate communication and knowledge sharing within the teams, ensuring members stayed connected and informed about project updates, industry trends, and best practices.

## Projects

- [Portfolio](#)
- [MERN Portfolio](#)
- [Payroll App](#)
- [Buber Eats](#)
- [Expense Chart](#)
- [Tarneeb](#)
- [DC User Management App](#)

## Skills

- **Front-End:** React, TypeScript, JavaScript, jQuery, HTML, CSS
- **Back-End:** Node.js, Javascript, TypeScript, Java, PHP, C#, Go
- **Frameworks:** GraphQL, ASP.NET, Entity Framework, .NET Core, Express, MVC, WPF, .NET, WebForms
- **Databases:** MongoDB, MySQL, PGSQL, SQL, NoSQL
- **Architecture:** Hexagonal, **Microservice**, **Serverless**, **Event-Driven**, Monolith
- **Testing Libraries:** Jest, Vitest
- **Cloud:** AWS, SNS, SQS, ECR, SES, S3
- **Tools:** Slack, Jira, Github, Visual Studio, Confluence, DataDog, DataBricks, Twilio, SendGrid, Zendesk, ADA
- **Programming Concept:** Object-oriented programming (**OOP**), Test Driven Development (**TDD**), **Containers**, **Automated Testing**, Quality Assurance (QA), **SOLID Principles**, Test Planning, **Clean Code**, Procedural Programming, Software Development Lifecycle (**SDLC**), Scrum, Agile, Waterfall, Deployment Strategies, RESTful API, Single Page Applications (SPA), Progressive Web Apps (PWA), SOAP

## Education

### Durham College

- **Diploma** with **President's Honour Roll**, [Computer Programming](#) 2022 - 2023
- **Activities and Societies**
  - Member of the Institute of Student Leadership (ISL)
  - Member of DC IT society

## Certifications, Honors & Awards

- [The Complete 2023 Web Development Bootcamp](#) - Udemy
- [React](#) - Udemy
- [Mongo University](#) - Mongo
- [GraphQL Professional Developer](#) - Apollo Foundation