

Nitish Pradhan

Software Engineer | Calgary, Canada

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PROFESSIONAL SUMMARY

Software Engineer with 2 + years of end-to-end experience designing, building, and maintaining web and distributed systems. Proficient in multiple languages (Java, Python, JavaScript/TypeScript) and both relational and NoSQL databases. Skilled at integrating RESTful services, automating CI/CD pipelines, writing comprehensive tests, and performing code reviews to ensure quality and reliability. Known for collaborating seamlessly with cross-functional teams to deliver scalable, maintainable solutions that meet business goals.

CORE SKILLS

Languages

JavaScript, TypeScript, Java, Python, C++, C, HTML, CSS

Frameworks & UI

React, SAP UI5, Next.js, Angular, Node.js

Databases

PostgreSQL, MySQL, MongoDB, Redis

DevOps & Cloud

Docker, Kubernetes, AWS (EC2, Fargate), CI/CD, Terraform

API & Integrations

RESTful APIs, GraphQL, Web Services

Tooling

Git, Jira, Bitbucket, VS Code, Grafana

EXPERIENCE

Full-Stack Engineer | DevON (Stealth) – San Francisco, CA

May 2025 – June 2025

- Developed and maintained React-based chat UI, implemented virtualization (react-virtuoso) and smart auto-scroll, boosting render performance by 50%.
- Collaborated with backend engineers to integrate TypeScript-driven RESTful APIs and optimized database queries, reducing data latency by 40%.
- Troubleshoot cross-browser UI issues, ensuring pixel-perfect fidelity and accessibility compliance.

Software Engineer Co-op | SkipTheDishes – Calgary, Canada

Sep 2021 – May 2023

- Increased customer retention by 25% through the development and maintenance of engaging features such as challenges, bonuses, and rewards, leading to a 15% rise in user engagement.
- Implemented distributed messaging and microservices architecture using AWS SQS and SNS, resulting in a scalable and decoupled system that improved the reliability and performance of backend services.
- Developed comprehensive unit tests for all functions, ensuring 100% coverage of key functionalities and reducing bugs by 20%, which significantly improved overall system stability and reliability.

PROJECTS

Food Allergy Tracker App

- Developed a React Native front end with TypeScript and integrated Firebase real-time database; auto-detected allergens via OpenAI API, boosting prediction accuracy by 30%.
- Optimized client-side data sync to achieve 99.9% uptime under high concurrency.

Restaurant Recommendations System

- Engineered a hybrid recommendation engine (content-based + collaborative filtering) trained on 11M past orders and 5K restaurants, delivering personalized suggestions, achieving an 9/10 average user satisfaction.
- Built a React + Flask web interface to interact with the recommendation engine, featuring interactive taste-profile visualizations that enhanced user engagement and usability.

CLARA Voice Agent

- Engineered a LLaMA-driven voice assistant on Django & Next.js; transformed user guides into actionable tasks, increasing agency response rate by 40%.
- Designed UI components in React and implemented TypeScript-based state management for scalable code maintenance.

LinkedIn Extractor

- Engineered a web scraping solution using Python and BeautifulSoup to extract team member names and roles from company websites, achieving 95%+ accuracy and optimizing processing speed.
- Integrated SERP API to automate LinkedIn URL retrieval, delivering comprehensive team insights by matching team members to their LinkedIn profiles efficiently.

EDUCATION & CERTIFICATIONS

University of Calgary, Canada

Sep 2018 – May 2023

B.Sc. Computer Engineering – With Distinction; GPA: 3.75/4.00; Graduated with Honors

AWS Certified Developer – Associate

Expected Aug 2025