Nitish Pradhan

Software Engineer | Calgary, Canada
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PROFESSIONAL SUMMARY

Full-Stack Developer with 2+ years of hands-on experience building high-performance React and SAP UI5 applications. Expert in JavaScript, TypeScript, RESTful API integration, and database management (PostgreSQL, MySQL, MongoDB). Proven ability to collaborate across design and backend teams, conduct code reviews, troubleshoot complex UI/UX challenges, and deliver responsive, scalable web solutions. Seeking an onsite contract opportunity in Vancouver, BC.

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 and SAP UI5 components; 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%.
- Troubleshot 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*