

# Sushil Kainth

Email: [kainths.jobs@gmail.com](mailto:kainths.jobs@gmail.com) | Mobile: +1 (905) 781-3746 | [Portfolio](#) | [LinkedIn](#)

---

## Work Experience

### SLiDE — Software Engineer

Jan 2023 – Sep 2024

Ottawa, Canada

- Optimized data retrieval by 90% through SQL query tuning, indexing, caching, pagination, and ETL pipeline development, enabling low-latency AI-driven analysis and continuous data flow.
- Built “Quick Consult”, a real-time collaboration platform that replaced 100% of in-person consultations for CCCTG, streamlining communication, reducing coordination overhead and easier collaboration.
- Led end-to-end development of cloud-based applications, using AWS, Docker, Django, and deployed weekly patches to ensure continuous feature delivery and rapid iteration.
- Cut system load times by 40% for data-intensive projects by implementing asynchronous data-processing and multithreading, boosting overall performance and reliability.
- Implemented Kafka Streams for real-time data ingestion, creating event-driven workflows that improved system responsiveness and accelerated ML-driven insights.
- Drove multiple A/B testing initiatives by segmenting researcher groups into user categories, pinpointing usability enhancements that increased platform efficiency and adoption.

### Aspire Software — Software Engineer

Jul 2021 – Sep 2022

Remote, Canada

- Boosted authentication efficiency by 130%, authorization speed by 56% and decreased failure rates by 27% by integrating Java-based Keycloak prompts.
- Achieved 99.99% uptime and scaled for 1M+ users by migrating legacy monolithic applications to a microservices architecture using Spring Boot, Containerization, and Streams.
- Enhanced feature prioritization and resource allocation by tracking feature usage patterns and time spent and developing a data-driven analytics dashboard, empowering stakeholders to make informed, strategic decisions
- Ensured seamless deployment by collaborating with the DevOps team, creating test environments, and debugging production issues using ELK Stack.

### PlanetWalks LLC — Fresh Graduate Engineer

Jan 2021 – Jun 2021

Remote, India

- Increased developer efficiency by automating form generation with a dynamic rendering system, reducing manual setup using JSON schemas.
- Reduced security vulnerabilities by 25% by securing backend APIs with encryption, JWT authentication, and secure data handling practices.
- Strengthened onboarding security by implementing OAuth 2.0 authentication flows, enabling SSO, and preventing unauthorized access.

## Projects

### Get Locals Web App [↗](#)

Sep 2024 - Present

- Developed a website generation platform for small businesses, integrating SEO, Google Ads Analytics, and marketing to improve online visibility and lead generation.
- Developed data-driven ad insights dashboards that tracked key marketing metrics (interactions, failures, load times), enabling business owners to pinpoint performance issues and optimize paid ad campaigns for higher ROI.

## Certifications & Licences

### Java SE 8 Programmer I, Oracle

Aug 2020

- Gained a strong foundation in Java programming, including object-oriented principles, functional programming, exception handling, and best practices for writing efficient and maintainable code

### AWS Fundamentals, Coursera

May 2022

- Developed a foundational understanding of AWS cloud services, including computing, storage, networking, security, and best practices for deploying and managing cloud-based applications.

## Education

Chitkara University – Bachelor in Computer Science (Graduated)

## Skills & Interests

**Programming Languages:** Java, Python, TypeScript/JavaScript, SQL, Bash

**Frameworks & Tools:** Spring Boot, Django, React, Redux

**Cloud Services:** AWS, Containerization (Docker, Kubernetes), CI/CD (Github Actions, Jenkins)

**Other Skills:** Jenkins, Code Review, Agile Methodologies, Performance Optimization, Architectures (HTTP, REST), Code Optimization, Application Security, Git

**Soft Skills:** Collaboration, Communication, Proactive Problem-Solving, Critical Thinking, Decision-Making, Adaptability, Teamwork, Continuous Improvement Mindset, Mentor, Observability