Kiren Jolly

kiren7jolly@gmail.com • (548)333-6148 • Waterloo, Ontario
LinkedIn: *https://www.linkedin.com/in/kiren-jolly-b79362152/*

Education

Ontario College Certificate
Web Development (CGPA 3.94/4)
Conestoga College, Waterloo
Jan 2024-Present

Ontario College Graduate Certificate
Computer Application Security (CGPA 3.92/4)
Conestoga College, Waterloo
May 2023-Dec2023

Bachelor of Technology Degree
Computer Science Engineering
National Institute of Technology, India
Aug 2014-Apr 2018

Skills

Languages: Java, Kotlin, Python, C/C++, Groovy, Golang, Shell script, JavaScript.

Web Frameworks: Spring boot, Spring Web-Flux, Flask, Ratpack, Micronaut, React.

Test Frameworks - Junit, Spock, Kotest, mockk, Jacoco.

Databases: Cassandra, PostgreSQL, MongoDB, Influx DB.

Deployment Tools: Kubernetes, Docker, Nomad, Spinnaker, AWS.

Other Tech: Kafka, Grafana, Zipkin, Git, Gradle, Avro, Drone, Swagger, Kibana, Open Tracing, Adobe XD, illustrator.

Security Tools: pfSense, Wireshark, Cisco Packer Tracer

Experience

Senior Backend Engineer, Target Corporation, India — Jul 2020-Apr 2023

Backend Engineer — Jul 2018-Jun 2020
- Lead a core team consisting of principal and lead architect to re-design the existing architecture and using the industry's best frameworks.
- Contributed to the open-source Zipkin tracing library, addressing core functionality issues to optimize production application latency and improve performance by 25%.
- Developed an application that automated SSL certificate renewals for production, reducing manual work and increasing team efficiency by 40%.
- Engineered a Reactive microservice with Spring WebFlux and Java for non-receipted returns at Target, utilizing Kafka for real-time messaging and PostgreSQL for data resilience.
- Developed automated Python scripts utilizing cron jobs to monitor Cassandra app health and promptly resolve production issues.
- Developed core APIs and Microservices for Enterprise Carts and Checkouts, serving 1800 Target stores and digital orders on target.com.

Frontend Developer Intern, Wipro Limited, India — May 2017-Jul 2017
- Designed wireframe prototype for a web application facilitating interaction with Wipro Social Robots allowing to order beverages, snacks, and stationery through its interface.
- Developed Web UI for a Digital control system featuring a virtual console for robot vision and a Health monitor for component status checks.

Projects

Café Website – Designed a French-themed creperie website using HTML, CSS, and JavaScript. The wireframes for the web pages were designed using Adobe XD, and the logo was created using Illustrator.

Resume Builder Website – Created the frontend for a website that allows users to create resumes, which also gives tips and steps to create one.

Awards and Honors

James W. Church Presidential Honors — 2024
Received for excelling in academic achievement by scoring above 3.85 GPA in a Computer Application Security course at Conestoga College.

Target Quarterly Award — 2020
Acknowledged for quick problem-solving and teamwork, restored shopping capabilities within a day, boosting Target's beverage sales by 40%.