Contact

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Top Skills

Java
Google Cloud Platform (GCP)
Spring Boot

Certifications

Fundamentals of Agile Project Management
SQL Advanced
MongoDB
Java
GitHub Actions

Honors-Awards

Graduated with Honours - Full Stack Application Development
Winner - Best Pitch in Atlantic Canada 2023
Awarded in consecutive quarters for Strong performances by the VP and Delivery Head of Infosys

Steve Armstrong

Formerly API Gateway Developer @ TELUS | Java, NodeJS, AWS, GCP | Experienced within Canada and Internationally | Enabling future employers to make data-driven decisions with a Business Analytics Certification from NSCC.
Greater Halifax Metropolitan Area

Summary

Experienced Software Developer based in Canada with technical expertise and proven track record in Backend Development, cloud services, and Business Intelligence. With the bigger picture in mind, I have migrated existing software infrastructure to the cloud for a leading telecommunications company on contract, developed a highly responsive pre-Product Market Fit web application which raised pre-seed funding, and won the award for Best Pitch in Atlantic Canada in 2023 as part of Dal Innovates, CollideCamp. I was selected as a Founder by Microsoft into the Microsoft Startup Founders Hub 2022. I achieved all of the above while still being an international student and simultaneously maintaining grades above 95% in every semester. I will be graduating in May 2024. My greatest joy will however be the fact that I was able to maintain persistent connections with family, friends, mentors, mentees and colleagues during my journey.

Before I arrived in Canada for my studies, I held the full-time position of Senior Systems Engineer at Infosys where I worked for 2.5 years on the Goods and Services Tax Project which continues to generate 10 billion USD of monthly revenue.

- I am currently pursuing a Post Graduate Certificate in Business Intelligence Analytics at NSCC to hone my data-driven problem-solving skills.

Here are some of my technical skills:

- Languages: Java, JavaScript, Python, Lua

- Frameworks & Libraries: Spring Boot, NodeJS

- Cloud Services: GCP, AWS, Kong

- Databases: MySQL, PostgreSQL, MongoDB, HBase, DynamoDB

- CI/CD Tools: Github Actions, Jenkins, Docker

- Project Management Tools: Monday.com, Jira, Trello

- Diagramming Tools: Draw.io, Visual Paradigm, Miro, Canva, Figma

- Orchestration Tools: Kubernetes

- Infrastructure as Code: Terraform

- Observability: Splunk

- Build Tool & Version Control: Maven, Git

- Data Streaming & Messaging Systems: Kafka, RabbitMQ

- Big Data Processing: Apache Storm

- API Testing & Development Tools: Postman, SoapUI

- Web/Application Servers: NGINX, Apache HTTP Server, TomCat

- Development Environments: IntelliJ Idea, Visual Studio Code, Eclipse

My Bachelor of Technology in Engineering also helped shape my critical thinking and problem-solving skills.

Beyond work, I enjoy swimming, surfing, gardening, and running. I also speak to founders and developers at various tech events in the Halifax Startup Ecosystem.

If you have any queries or wish to discuss how I could contribute to your success, please do not hesitate to get in touch with me via Email: steve@stevearmstrong.org and LinkedIn.

Experience

TELUS
API Gateway Developer | Java, NodeJS, Linux, AWS, GCP, Kong
APIGateway, Splunk, Serenity
June 2023 - December 2023 (7 months)
Halifax, Nova Scotia, Canada

I collaborated closely with a team of exceptional engineers on enhancing the performance of our API Gateway and swiftly implemented technical requests from clients. I was engaged in transitioning our systems from AWS to Google Cloud Platform, Jenkins to Github Actions & Gitlab to Github. My expertise includes Java, JavaScript, NodeJS, GCP, AWS, Splunk, Serenity and Kong Gateway.

Work experience concluded on December 22nd, marking the successful completion of the contract term.

Postilize
Full Stack Developer | React • NodeJS • JavaScript
May 2023 - May 2023 (1 month)
Halifax, Nova Scotia, Canada

Primary Duties included working on creating responsive UI experiences for end users using React and JavaScript. Turning Figma Designs into Code with exceptional precision for different screen sizes and device configurations.

The experience allowed me to flex my Full Stack skills with a focus on FrontEnd Web Development and add value to the team while also satisfying my mandatory course requirement of a 1 month Work Integrated Learning Program as part of my Post Graduate Certificate Course in Full Stack Development.

Having worked at a large enterprise before, this was my first startup work experience, working as Employee no.7 at an early stage startup backed by Venture Funding. I learned a ton! I was personally hired by the CEO. Although I was presented with the opportunity to continue full time after the internship, I decided on working with another firm offering the learning experience (Cloud Skills) I was looking for.

Signed a written contract with the new firm 2 days after exit.

Infosys

2 years 7 months

Senior Systems Engineer | Java, SpringBoot, Kafka, AWS, Hbase, JavaScript, Jenkins
January 2022 - June 2022 (6 months)
Bengaluru, Karnataka, India

Project Revenue: 10 billion USD / month

Domain: Financial Services

Scale: 175 Million Users

Client: Central Government of India

Project: Goods and Services Tax (GST)

Promoted to Senior Systems Engineer in just 1 year 9 months (6 major Project Deliverables) since beginning my corporate journey.

Reason for Resignation: Immigrated to Canada for Higher Education

Primary Duties include:

• Authored RESTful APIs with Java and Spring Boot, achieving seamless web integration, a 35% data access efficiency increase, and providing a robust, well-documented API for clients through thorough testing

• Upgraded the end-user experience for business taxpayers by providing a comprehensive, consolidated view of filed return details within a single, user-friendly interface, resulting in improved tax management efficiency

• Implemented a high-throughput, fault-tolerant data processing pipeline using Apache Kafka and Storm, enhancing real-time data handling and seamless user input replication

• Conducted performance tuning and optimizations on SQL queries, database schemas, and indexes, resulting in significant improvements in query response times and overall system performance

• Spearheaded large-scale, on-demand, and bulk data migrations, encompassing over 10 million records, using bespoke Java Spring Boot applications to ensure data integrity and accuracy

• Deployed a robust, scalable data storage solution using Amazon DynamoDB, S3, and HBase, enabling efficient management of large volumes of structured and unstructured data

• Automated labor-intensive manual migration tasks, resulting in a dramatic reduction of the process from 12 hours to a mere 3 seconds

• Showcased outstanding engineering acumen by delivering three consecutive releases with zero UAT defects, reflecting a commitment to quality and customer satisfaction

System Engineer | Java, SpringBoot, SQL, DynamoDB, AWS, Git, Maven
April 2020 - December 2021 (1 year 9 months)
Primary Duties:

• Engineered and deployed the e-Invoice system, a cutting-edge solution that electronically authenticates B2B invoices through GSTN, guaranteeing effortless integration with the universal GST portal

• Harnessed the Invoice Registration Portal (IRP), managed by the GST Network (GSTN), to generate unique identification numbers for each invoice, promoting accuracy and efficient invoice tracking

• Facilitated real-time transfer of invoice data from the IRP portal to the GST portal, eliminating manual data entry and streamlining the GSTR-1 return filing process

• Embracing industry best practices and clean coding techniques imparted by seasoned developers, ensuring the delivery of high-quality output in production environments, while adhering to stringent coding standards

• Demonstrated a commitment to ongoing learning and development by completing feature tasks assigned by senior developers, thereby gaining an in-depth understanding of the complexities and interdependencies within microservices and monolithic-based applications

• Adopted Jira for effective project management and issue tracking in a Scrum-based development team, leading to a 25% increase in team productivity and improved communication across departments

• Leveraged Git for version control in a team of 5 developers, managing branches, merges, and resolving conflicts, resulting in a streamlined development process and reduced merge conflicts by 30%

• Implemented and maintained Jenkins CI/CD pipelines for a web application project, enabling automated testing, code analysis, and deployments to staging and production environments, reducing release time by 40%

System Engineer Trainee | Java • SpringBoot • Angular • FullStack • SQL
December 2019 - April 2020 (5 months)
Mysore, Karnataka, India

After my Bachelors in Engineering , I received an offer from Infosys and was corporate trained in the below technologies before being onboarded into my first Project:

Java
SpringBoot
Angular
SQL
Python

Graduated training at the top of the class as a High Performer: Band A+ and Cleared Client Interview with the Central Government of India and received a positive feedback.I worked 2.3 years in a project of national importance after the training and achieved tremendous success, a key highlight being the announcement of our project outcomes in one of the Budgets by the Financial Minister of India.

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Education

Nova Scotia Community College - NSCC
Post Graduate Certificate, Business Intelligence Analytics · (September 2023 - June 2024)

Nova Scotia Community College - NSCC
Post Graduate Certificate , Full Stack Application Development · (September 2022 - May 2023)

APJ Abdul Kalam Technological University

Bachelor of Technology - BTech, Engineering · (August 2015 - July 2019)