

Software Engineer with 2 years of experience building scalable backend systems, web applications, and cloud-native solutions. Proficient in Java, Python, React, Docker, AWS, and GCP. Designed RESTful APIs, optimized data pipelines, and automated deployments using CI/CD. Strong grasp of algorithms, object-oriented design, and distributed systems. Focused on delivering efficient, high-performance solutions in agile environments

EXPERIENCE

CONCENTRIX

Bangalore, India

Software Engineer

February 2023 – August 2023

- Engineered and maintained scalable Java 17 Spring Boot microservices with WebFlux and RESTful APIs, implementing proactive production monitoring and error resolution to reduce backend latency by 34%
- Integrated AWS services (S3, Lambda) to build cloud-based data pipelines and automation workflows for analytical reporting, and developed Python scripts to automate repetitive tasks, cutting manual effort by 40% across teams
- Collaborated with cross-functional teams to build two Java applications using Spring Boot, REST APIs, SQL databases, reducing investigation time by 26% and enabling agents to identify unknown charges

ST. JOHN AMBULANCE

Bangalore, India

Associate Software Engineer

January 2022 – February 2023

- Designed and implemented a secure, scalable CI/CD pipeline using Jenkins, GitHub, and Terraform to automate the deployment and integration of RESTful APIs and microservices in a modular backend architecture
- Provided production support, troubleshooting critical application and database issues, including high-volume transaction and connection pool problems, and refactored code to optimize performance
- Implemented backend APIs and scheduling logic for high-volume first-aid request automation using Java Spring Boot, .NET Core, and PostgreSQL, improving operational efficiency by 48% and enabling secure payment processing

RIVERSAND TECHNOLOGIES

Bangalore, India

Full Stack Developer

July 2021 – October 2021

- Designed and delivered modular backend microservices for Syndigo's cloud-native Master Data Management (MDM) platform using Java and Python, leveraging OOP and proven design patterns to handle complex product and customer data at scale
- Optimized real-time event pipelines with Apache Kafka and Storm, enabling reliable processing of key MDM/PIM events such as product updates and supplier onboarding, reducing data lag by 30% and improving system resilience
- Implemented robust CI/CD automation using GitLab CI and Docker, streamlining the build and deployment lifecycle and ensuring faster, fault-tolerant releases across multi-environment cloud infrastructure

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY

Chicago, Illinois, USA

Master of Science, Computer Science

May 2025

Coursework: Advanced Database Organization, Mobile Development Application, Cloud Computing, Computer Networks
Introduction to Information Security, Big Data Technologies, Software Management, Parallel & Distributed Systems

JAIN UNIVERSITY

Bangalore, India

Bachelor of Technology, Information Science & Engineering

July 2022

Coursework: Software Engineering, Data Structures, Object-Oriented Programming and Design, Programming with Python, Automation Theory and Logic, Design & Analysis of Algorithms, Object-Oriented Design, Software Testing

SKILLS

Programming Languages – Python, Java, C, C++, R, Dart, C#, Flutter

Cloud & DevOps – AWS, GCP, Docker, Kubernetes, Kafka, CI/CD, Version Control, Cloud Computing

Databases & Data Science – MySQL, MongoDB, NoSQL, Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, TensorFlow, OpenAI, ML Algorithms

Web & App Development – HTML, CSS, JavaScript, React, Flutter, RESTful APIs, Agile/Scrum

Tools & IDEs – IntelliJ IDEA, Eclipse, VS Code, Git, GitHub, Bash, Linux, MS Office, Tableau

PROJECTS

Time-Series Forecasting and Semantic Search Platform Deployed on Google Cloud

Chicago, Illinois, USA

- Designed and deployed a cloud-native time-series forecasting and semantic search on Google Cloud Platform (GCP) using containerized Flask APIs, React, and integrated Elasticsearch, TensorFlow LSTM, and Prophet for real-time GitHub issue analytics and semantic query resolution

Full DevSecOps Automation with GenAI-Driven Virtual Teams

Chicago, Illinois, USA

- Architected and implemented a fully automated DevSecOps pipeline using the Waterfall model, integrating CI/CD, SAST, DAST, and Infrastructure as Code (IaC) tools, then transitioned to an agile Scrum workflow enhanced by GenAI-driven virtual teams with AutoGen and LangChain, driving adaptive task allocation, sprint planning, and intelligent workflow automation to significantly boost deployment velocity and pipeline security

Secured Authentication Process for Physically Challenged Users Using Morse Code and ML Algorithms

Chicago, Illinois, USA

- Engineered an AI-powered authentication system leveraging Morse code, machine learning, Python, Flask, and OpenCV to enable secure, accessible login for physically challenged users

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Developer Professional
- Google Cloud Platform Fundamentals: Core Infrastructure
- Oracle Cloud 2025 Certified DevOps Professional
- Foundational C# with Microsoft