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Anirudh Hosur

He/Him/His

[LinkedIn](#) | [GitHub](#)
[Portfolio](#) | [YouTube](#)

PROFESSIONAL SUMMARY

Passionate Software Engineer with over 2.5 years of expertise in software development, cloud computing, and system design. Proficient in Python, Java, and JavaScript, with a proven track record of building scalable, high-performance applications, and secure APIs. Committed to advancing my career as a software architect, with a focus on delivering innovative multi-cloud solutions.

AREAS OF EXPERTISE

Languages	Java, Python, JavaScript, TypeScript, C, C++, HTML5, CSS
FrontEnd	ReactJS, VueJS, Angular, react-native, MaterialUI, Tailwind, jQuery, Bootstrap
BackEnd	Spring Boot, NodeJS, Nest.js, ExpressJS, Flask, Django
Database	MySQL, PostgreSQL, OracledB, MongoDB, Firestore, DynamoDB, GraphQL
Cloud	Amazon Web Services, Google Cloud Platform, Heroku, Kubernetes, Docker, Pub-Sub
GenAI	LLMs, OpenAI, Gemini API, VectorDb, Vector search, Hugging face, transformers
Tools	CI/CD, Git, Jira, SonarQube, Data Structures & Algorithms, Security and Compliance

RELEVANT EXPERIENCE

Senior Software Developer | Node.js, AWS, Nest.js, Kafka, Kubernetes **Oct 2024 — Present**
IBM Canada (*full-time*) Calgary, Alberta

- Implemented a data ingestion kafka consumer microservice using Nest.js as an AWS Data Engineer for the largest telecommunication company in the US to capture customers who violate WI-Fi router guidelines.
- Developed step functions and individual lambda functions to orchestrate a workflow that treats customers who violate guidelines by integrating third-party APIs, CloudWatch filter logs, AWS Secrets, and Aurora dB.
- Achievements:** Hosted IBM's trademark Granite LLM models training sessions for IBM employees to demonstrate it's capabilities

Lead Developer | GCP Firebase, Angular, Typescript, CI/CD, Agile **August 2024 — November 2024**
[Credwise Financial Inc.](#) (*Volunteer*) Calgary, Canada

- Led a development team of 7 as a Product Owner to build an internal dashboard tool that captures Canadian credit card data. This data enables credit card owners to pinpoint businesses that offer maximum benefits, rewards, points, cashback, and insurance coverage.
- Collaborated with a cross-functional mobile development team in Bangladesh to migrate their application code to GCP, effectively managing time zone differences to ensure seamless deployment and integration.
- Achievements:** Transitioned Cloud SQL and Compute instance to a serverless architecture using Cloud Run, Artifact Registry, and Firestore -> resulting in a cost reduction of over 90% in cloud expenditures.

Founding Software Developer | GCP, Firebase, Google APIs, React, React-native, Expo Go, Vercel **March 2024 — July 2024**
[Anyone Can Cook](#) (*Self-Employed*) Calgary, Canada

- Developing Western Canada's first home-cooked food delivery platform from ground up, creating three user-friendly apps for customers, drivers, and home-owners.
- Achievements:** Configured CI/CD pipelines to utilize production and preview environments to showcase the app to potential clients at farmers' markets, facilitating onboarding and gathering feedback to enhance the UX and overall application.

Cloud Developer co-op | Cloud Plugins, Java, Spring Boot, Spock, Vue.js, Javascript **August 2023 — December 2023**
[CloudOps Inc.](#) (*full-time*) Montreal (Remote)

- Spearheaded full-stack projects across multiple codebases to integrate plugins, database migrations, testing, and translated Figma designs into frontend implementations leading to accurate resource utilization for a leading South American telecom firm.
- Achievements:** Integrated VM compute policies such as CPU, RAM, Storage into VM operations for accurate delta metric calculations leading to precise resource utilization and billing accuracy for the client.

Associate Consultant | Java, Spring Boot, Junit, OracleDb, Microservices, Openshift **August 2021 — August 2022**
Oracle Corp. (*full-time*) Bengaluru, India

- Transitioned a monolithic architecture to micro-services for Citibank's customer screening application using Redhat Openshift to generate Excel files for risk, fraud, and adherence to US compliance standards.
- Achievements:** Optimized the application performance, through 100% test coverage, bean validations, caching with Redis to reduce API call times to 0.05ms, and documented the APIs with Swagger configurations.

PROJECTS

- [Serverless Multiplayer Quiz App](#) | AWS, GCP, Python, Docker, React, JavaScript, CI/CD

May 2023 — August 2023
- Led a team of 6 to develop a multi-player quiz application for players to play real-time quizzes, manage teams, compete in leaderboard, and invite friends in a microservices architecture deployed on AWS and GCP.
 - **Achievements:** Enhanced UX with subscription-based notifications feature using AWS SNS/SQS to publish game, leaderboard, and team invitation updates to a class of over 60+ students.
- [Infrastructure-as-a-code Task Manager](#) | AWS, Cloudformation, Python, Docker, JavaScript, ReactJS

January 2023 — May 2023
- Developed and deployed a ReactJs application to manage personal tasks on AWS Beanstalk with authentication, authorization, and task management with microservices architecture using Python APIs on lambda functions routed via an API Gateway.
 - **Achievements:** Uploaded a CI/CD playlist on [Youtube](#) explaining the deployment process which now has over 10,000 views.

CERTIFICATIONS

- [AWS Developer Associate](#)
[AWS Certified Cloud Practitioner \(CLF-C01\)](#)
[Oracle Java, OracleDb, and Linux Certifications](#)

Ongoing
April 2023 – June 2026
October 2021 – October 2024

EDUCATION

- [Dalhousie University](#) | Masters in Applied Computer Science
[Vellore Institute of Technology](#) | Bachelor of Technology in Comp. Engg.

September 2022 — January 2024
August 2017 — May 2021