

Balaji Sukumaran

(782) 882 7796 - [portfolio](#) - balajisukumaran96@gmail.com - [linkedin.com/in/balaji-suku](https://www.linkedin.com/in/balaji-suku) - github.com/balajisukumaran

SUMMARY

Full-Stack Developer with **5 years of experience** in developing enterprise-grade applications. Proficient in creating automated DevOps CI/CD deployments, with solid experience in AWS and Azure using Infrastructure as Code (IaC).

WORK EXPERIENCE

Software Engineer

Fidelity Investments, Bangalore, IN

Mar 2022 - Jul 2023

- Developed a highly reliable .NET C# application, enhancing Fidelity's Workplace Investing domain with significant revenue impact. Utilized Jenkins, GitHub Actions, and Azure DevOps for continuous integration and deployment.
- Modernized legacy APIs using the latest .NET C#, adhering to OOP and SOLID principles, and employing common design patterns such as Singleton, Factory, and Strategy to enhance application extensibility.
- Enhanced microservice performance by implementing asynchronous calls and optimizing stored procedures in SQLServer, MySQL and Oracle database, resulting in a 20% increase in user engagement.
- Automated load and performance testing across the project using Python scripts, significantly streamlining the testing strategy and improving API robustness.
- Containerized and migrated over 8 applications to Kubernetes clusters, reducing host system usage by 40% and increasing scalability.
- Fostered a culture of excellence within the team by implementing best practices, conducting thorough code reviews, and leading pair programming initiatives.
- Collaborated closely with business stakeholders in story grooming, reviewing user stories, and setting acceptance criteria. This role deepened my experience with Agile methodologies and enhanced project deliverables.

Associate Consultant

Capgemini, Bangalore, IN

May 2018 - Mar 2022

- Developed an ETL tool using Microsoft Azure components (Azure Functions, Data Factory, and Azure Batch) that feeds data to over 100 applications. The complete infrastructure was deployed using Terraform and OpenShift.
- Built custom cross-browser controls using HTML/CSS and React, enhancing user interface consistency and responsiveness across different platforms.
- Integrated SonarQube with GitHub Actions for continuous code quality inspection, utilizing SonarQube scanners. Also used GitHub Actions to manage microservices builds from the Docker registry, deploying them to AWS EKS.
- Collaborated with Production Support and QA to create and optimize CI/CD pipelines for different environments using GitHub Actions and Jenkins. This initiative accelerated the deployment speed by 70%.

PROJECTS

- **RentX**, Developed a rental platform using the React framework and **HTML/CSS** for the front end. The project was deployed through a complete **CI/CD pipeline**, ensuring efficient delivery and maintenance. [GitHub Demo](#)
- **Wallet Watch**, Developed an application that sends budget alerts to users, utilizing multiple **AWS services** including EC2, EventBridge, Secrets Manager, Lambda, and VPC. Deployed the entire **infrastructure as code (IaC)** using AWS CloudFormation and Terraform, enhancing scalability and manageability. [GitHub Demo](#)

TECHNICAL SKILLS

Programming Language & Framework: C# .NET, SQL, HTML/CSS, JavaScript, jQuery, React, Angular

Tools Used: Visual Studio Code, IIS, Selenium, PostgreSQL, Oracle, MongoDB, SQLServer, MySQL, PowerBI

DevOps Tools: GitHub Actions, Jenkins, Azure DevOps, Terraform, OpenShift, Selenium

EDUCATION

Dalhousie University

Master Degree in Applied Computer Science

Halifax, NS, CA

Sep 2023 - Dec 2024

Anna University

Bachelor Degree in Computer Science and Engineering

Chennai, TN, IN

Apr 2014 - Apr 2018

CERTIFICATIONS

AWS Certified Solutions Architect – Associate (SAA-C03), **Microsoft Azure Developer Associate (AZ-204)**