Jayanth Donekal
SOFTWARE ENGINEER

ONLINE PROFILE:
https://jaydonekal.github.io/onlinecv.github.io/index.html

GITHUB:
https://github.com/JayDonekal

LINKEDIN:
https://www.linkedin.com/in/jayanth-donekal

TECHNICAL SKILLS

- Java Spring Boot.
- Microservices.
- REST API'S and Rest Templates.
- Spring cloud config server.
- OAuth and Spring security with role-based access control.
- SSL/TLS and certificate management for HTTPS
- CI/CD pipelines.
- SSO and CRM (Salesforce) app integration.
- Amazon web services and Azure cloud development
- Docker and Kubernetes
- NoSQL (MongoDB), MySQL, PL/SQL

EDUCATION

- **Advanced Diploma in Software Engineering Technology**
  Centennial College, Toronto, ON

- **Master of Science (M.Sc.) in Information Management**
  University of Strathclyde, Glasgow, UK | Merit Degree with Honours

- **Bachelor of Engineering (B.Eng.) in Computer Science & Engineering**
  Visvesvaraya Technological University, Bangalore, India

CONTACT

8 Eglinton Ave East, Toronto, ON

Mobile: 647-575-4420

jayanthdonekal@gmail.com

EXPERIENCE

Senior Programmer/Analyst | SickKids - The Hospital for Sick Children
Toronto, Canada | March 2023 – present

- Involved in the cloud migration from on-premises to Microsoft Azure cloud for hospital research systems that handle 5000+ highly sensitive patient health record transactions daily.
- Worked in large and small cross-functional teams to design architectures and relational databases to convert large-scale monolithic applications into distributed microservice systems.
- Introduced containerization of microservices for the first time with Docker and Kubernetes along with automated deployments using GitLab CI/CD pipelines that reduced deployment times by 70%.
- Implemented an agile software development lifecycle approach, utilizing Test Driven Development, to ensure that all software releases met requirements and reduced time-to-production by 30%
- Spearheaded the implementation of software specifications based on extensive technical support for various company legacy systems and the latest cloud implementations, resulting in a 20% reduction in support issues and an increase in client satisfaction by at least 30%.
- Integrated a payment gateway using Moneris for handling upwards of 200 credit card transactions every day with security using 3D secure and Google reCAPTCHA.
- Wrote over 15 REST APIs that receive at least 100 requests per day to provide hospital researchers with critical operational data.

Software Engineer | FutureVault Inc.
Toronto, Canada | May 2021 – March 2023

- Assist in developing a leading cloud-based document storage and management solution.
- Handling complete creation of microservices starting with the initial application creation, writing JAVA REST APIs, construction of MongoDB databases, setting up communication between microservices with rest templates, integration into cloud services such as AWS, and deployments onto public load balancers.
- Understanding of Spring Securities, OIDC, OAuth 2.0 (Cognito) and SAML 2.0 protocols
- Containerization of microservices with Docker and orchestration using Kubernetes and AWS EKS technologies to achieve internal communication between applications.
- Setting system access control through IAM and RBAC services.
- Testing of services with Junit, Mockito, and Postman.
- Documentations of APIs through Swagger and Spring REST Docs.
- Introduced Public APIs to assist developers with interfacing backend APIs directly.
- Write CI/CD pipelines to set up microservice applications on test, dev, and production cloud environments.
- Worked extensively with system integrations connecting multiple CRM applications to add single sign-on authentication.

Junior Developer Intern | Taurus Hard Soft Solutions

Bangalore, India | Jan 2018 - Aug 2018

- Designing, programming, and launching a collaborative portal aimed at user data management for the Center for Human Genetics (CHG) India.
- Developed program with technologies - Java, Hibernate, Bootstrap, and HTML JSP, within a Maven Environment
- Project estimations along with function point analysis and business workshops with use case testing