

Jayanth Donekal

SOFTWARE ENGINEER

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

GITHUB:
<https://github.com/JayDonekal>

LINKEDIN:
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PROFILE

Proven experience in leading development team on large projects or programs interfacing with multiple applications and/or third parties. Development experience in Java Microservice and Spring Framework. Experience with RESTful services, familiar with JEE and Skill for writing reusable Java libraries. Experience with OOP, Core Java, and Java 8 programming.

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EDUCATION

Advanced Diploma in Software Engineering Technology, March 2021

Centennial College, Toronto, ON

Master of Science (M.Sc.) in Information Management, 2019

University of Strathclyde, Glasgow, UK | Merit Degree with Honours

Bachelor of Engineering (B.Eng.) in Computer Science & Engineering, 2018

Visvesvaraya Technological University, Bangalore, India

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EXPERIENCE

Sr. Programmer/Analyst | SickKids

Toronto, Canada | March 2023 – present

- ▶ Build, maintain and deploy full-stack web applications using Java, Node Js, and React; GitLab pipelines; and technical documentations.
- ▶ Carryout design conceptualization using Figma and match front-end web styling to given specifications.
- ▶ Write SQL views and create embedded queries to retrieve data from various large hospital systems.
- ▶ Deploy Dockerized applications into Azure cloud services with newly created CI/CD pipelines
- ▶ Design and test new features and review code written by peers.
- ▶ Own and operate the software and systems built with current best practices.
- ▶ Facilitate an application's transition from research project to production.

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 API's, 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 setup 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, use case testing,



TECHNICAL SKILLS

- ▶ Java Spring Boot
- ▶ Node Js, React and TypeScript
- ▶ Microservices, REST API'S, and RestTemplates
- ▶ Spring cloud config server and Parameter store integrations
- ▶ 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
- ▶ AWS cloud development
- ▶ Docker and Kubernetes
- ▶ NoSQL (MongoDB), MySQL, PL/SQL