# Sreenadh Madappura

**Java Full Stack Developer**

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Fullstack developer with more than 3 years of experience implementing both frontend and backend systems in Java, JavaScript and Typescript; led re-architecture of current platform that plays a critical role in the organization and caters to 100000+ users, increasing efficiency by 20 percent.

## SKILLS

**Programming Languages –** Java, JavaScript
**User Interface Development –** Angular, React.js, MobX, Material UI, HTML, CSS, jQuery
**Backend Development –** Java Spring Boot, Node.js, Express.js
**Database Management –** MySQL, DB2, PostgreSQL, MongoDB
**DB middleware –** Hibernate, JPA, Knex.js, Objection.js
**Test frameworks –** jest, junit
**Message Queues –** RabbitMQ, Apache Kafka
**Amazon Web Services –** DynamoDB, S3, EC2, Lambda, API Gateway, CloudFront
**Google Cloud Platform –** Compute Engine, Cloud Storage, BigQuery
**Project Management –** GIT, JIRA, Bit Bucket, Confluence
**DevOps –** Docker, Kubernetes, Concourse, Jenkins

## WORK EXPERIENCE

**Full Stack Java Engineer**                                                      May 2023 – Present
ASPL BV, Brussels, Belgium

Handling internal applications for the organization including UI development in **Angular** and backend development in **Java Spring Boot, Hibernate** and **MySQL**.

**Full Stack Developer**                                                          May 2021 – May 2023
IBM India Private Limited, Bangalore, India

Handled IBM internal application UI development in **Ext.js** and backend development in **Java Spring Boot, Hibernate** and **DB2**.
Built and deployed 5+ new features which handle core facilities of the organization subdomain.

- Launched the application changes for organization restructure of the company, by deploying key features which helped to manage 25000+ employees..
- Led the migration and **re-architecture** of the application to **IBM Cloud** by modernizing and containerizing the application using **Docker**, **Kubernetes** and **Open Liberty**, increasing the deployment rates to 300%.
- Leading the modernization of the application to **Java Spring Boot**, reducing the CVE exposure of the application to 0.
- Administering design and code reviews for 3 teams handling 5 projects under the same leadership.

**Systems Engineer**                                                            August 2019 – May 2021
Infosys Limited, Trivandrum, India

Steered 3 client projects and 1 internal project that cater to 100000+  users,  as a full stack web developer. Designed and engineered 10+ applications, programmed scripts in languages like JavaScript and Python.
**Client projects include:**

### Online video platform migration – Brightcove Inc
Handled the position of Full Stack Developer for designing and developing new features and plugins along with a team of 250 members which helped them migrate their content and user information to the target platform.
- Implemented backend applications and more than 22 APIs in **Node.js**, **Express.js** and **MongoDB**.
- Programmed 5+ scripts to assist the migration and data validation of 100000+ records.
- Delivered 25+ UI components using **React**, and integrated with backend, using **REST Api**.

### Infosys Internal OTT based project – Infosys Ltd
Commanded the position of Full Stack Developer for Infosys internal project on OTT technology. Designed, developed and deployed 25+ frontend and backend components.
- Engineered backend services with **Java Spring Boot, Hibernate, JPA** and **MongoDB**.
- Written and maintained 50+ automated test cases in **jUnit**.
- Collaborated with the UI design team and generated 15+ UI components in **Angular**.
- Successfully integrated the User Interface with backend services using **REST Api.**
- Actively participated in 100+ code reviews, monitored and ensured coding practices are being followed.

### Internet Measurement Platform – Comcast Corporation
Handled the position of Backend Developer for Internet Measurement Platform for this overseas client. Shipped and monitored 10+ new features and scripts.
- Built and screened **Node.js** applications for monitoring internet speeds, using speedtest SDK.
- Developed and maintained a data pipeline using **Scala** and **Kafka**.
- Performed data analytics and report generation using **Elasticsearch** and **Kibana**.
- Generated scripts in **Python** to process 100000+ **JSON** feeds from **Elasticsearch**

### Online video platform - Vuclip
Commanded the position of Full Stack Developer for this Singapore based Video platform. streamlined and regulated 25+ features for their backend services.
- Delivered and remodeled more than 15 **Java Spring Boot, Hibernate** and **MySQL** based microservice backend applications.
- Migrated monolithic billing platform services to microservice architecture
- Onboarded more than 4 payment gateway services to the new billing platform.

## EDUCATION

**Amrita Vishwa Vidyapeetham,** Mysore, India                                    August 2017 – May 2019
Master of Computer Applications — Computer Science

## CERTIFICATIONS

**Winter Internship –** Infosys Ltd                                    January 2019 – May 2019
Completed the internship with Infosys in their Global Education Center, Mysore  which included training in Java Microservices with Spring Boot and Angular. A Capstone project was implemented and submitted as part of the internship.

**Microservices with Java, Spring, Docker, Kubernetes -** Udemy
Completed certification course from Udemy for Spring Boot Microservices and their containerization using Docker and Kubernetes.
URL: https://ude.my/UC-95990a70-6e31-44fb-bf87-2852161f0d8f/