# Binoy Varghese

Technical Architect

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in binoy-varghese

📄 Resume

## 👤 CAREER PROFILE

Experienced software engineer interested in architecting server-side applications. Strong knowledge on Java, Spring, JavaScript & TypeScript based applications. Worked on both product & services industry with over 9 years of experience.

## 💼 EXPERIENCES

**SaaS Technology Consultant**　　　**2019 - Present**

**Metal Street - B2B marketplace for steel trading**

Architected sales module in firebase with multitenant db & cloud functions. Design was based on CQRS, DDD principles.
Implemented user authentication using Openid & OAuth2 token introspection endpoints.
Integration with zoho books for handling sales module.
Implementation of integration middleware using cloud functions serverless technology.

Technology summary

- Nodejs, TypeScript, Firebase-NoSQL, Google cloud functions, OAuth2

**SaaS Technology Consultant**　　　**2017 - 2018**

**Mediapp - B2B app for pharma stockists,chemists & distributors**

Architected integration middleware as event-driven for sales module in google cloud functions.
Handling sales module using zoho books api.
App notification for sales module using Firebase Cloud Messaging.
Designed & implemented batch processing jobs in cloud functions. For handling long running jobs, tasks are split into small units which executes in cloud functions.
Handled 10k active users in cloud functions.
Handling of customer support.
Mentoring junior developers.

## EDUCATION

**B.Tech in Computer Science & Engineering**
College of Engineering, Chengannur
2005 - 2009

## LANGUAGES

English (Professional)

Hindi (Professional)

Malayalam (Native)

## INTERESTS

Reading

Swimming

Gaming

Technology summary

- Nodejs, TypeScript, Firebase-NoSQL, Google cloud functions, Firebase cloud messaging

**SaaS Technology Consultant**                                    **2017 - Present**

**Integration startup**

Development of multitenant identity server.

Technology summary

- Java, Spring, Spring security, UAA, Openid, PostgreSQL

**Technical Architect**                                    **2013 - 2017**

**Leanswift**

Technical architect & leading development of eLink which is middleware for Infor M3 ERP. eLink provides integration between eCommerce, web, mobile applications and Infor M3 with secure access control.

Development of eLink using Spring Framework following TDD with documentation.
Implementation of authentication & access control using Spring Security.
Developed eLink Transaction manager using Spring Transaction Management.
Developed eLink Connection pooling using Apache commons pool.
Mentoring & leading of the development team.

Payment integration with pos device via JavaScript API.
Vaadin based apps for comactivity & Infor M3.
eLink support for Leanswift M3 apps marketplace.
Build automation using Jenkins.
Helped in recruitment, interview and mentoring for various teams in Leanswift.

Technology summary

- Java, Spring, Spring security, Openid, PostgreSQL, H2, Jenkins, Vaadin

**Member of Technical Staff**                                    **2011 - 2013**

**Zoho - Team member of ManageEngine Netflow analyser**

Implmenting security to prevent csrf attacks using inhouse security framework.
Bug fixes and performance improvements.
Helped in testing netflow analyser for various use cases.
Helped in migrating Mysql db to PostgreSQL.
Helped in adding performance tuning of netflow analyser. Dynamically increasing java heap memory based on usage.

Technology summary

- Java, JavaScript, HTML, CSS, MySQL, PostgreSQL

**Software Engineer**                                        **2010 - 2010**

**CCS Technologies**

Developemnt of Exam management software.

Worked on both JavaScript & java.

Implemented ajax, jquery based frontend which communicates with tomcat server.

Technology summary

- Java, JavaScript, jQuery, HTML, CSS, MySQL

**Trainee Engineer**                                         **2009 - 2010**

**Techieindex Solutions**

Support engineer for debugging and bug fixing of inhouse framework.

Development of data grabber using Rome api - Java framework for RSS and Atom feeds.

Technology summary

- Java, JavaScript, HTML, CSS, MySQL

# 🔧 SKILLS & PROFICIENCY

**Java tools**

Spring, Spring boot, Spring cloud, Apache commons, Tomcat

**JavaScript tools**

Nodejs, TypeScript, Expressjs, Passportjs

**DB**

PostgreSQL, MySQL, Firebase(NoSQL), Cassandra(NoSQL)

**UI tools**

Vaadin, jQuery

**Web**

HTML, CSS

**Identity Management**

OAuth2.0, Openid, UAA

**Cloud platform**

GCP, Cloud Functions, GKE, AWS

**Build tools**

Maven, Jenkins, Gradle

**Testing**

JMeter, JUnit, Mockito, TDD

**Version control**

Git, Github, Gitlab, SVN, Mercurial

**IDE**

VSCode, Eclipse