

YADHUNANDAN K S

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PROFESSIONAL SUMMARY

Software Engineer with 5+ years of experience in Back-End Engineering using Go-lang, Java as well as Front-End development using flutter, with major startup-experience, seeking full-time software engineering roles.

SKILLS

Languages	Go-Lang, Dart, Java, JavaScript, SQL, HTML
Frameworks & Databases	Flutter, NodeJS, MySQL, Firebase, Mongo-Db
Tools	Docker, K8s, github CI-CD, Git
Cloud Provider	Amazon Web Services (AWS) & GCP

EXPERIENCE

Software Engineer 1 at Impelsys India Limited (Nov'2022 - Present)

- Working on data streaming with the nats.io hub/sub model.
- Developed a REST wrapper around the nats server using Go, Gin, GORM, and MySQL.
- Implemented a migration tool to transfer entities from an obsolete system to the new hub system.
- System migration; used go-lang for writing system migration tool/s and maintenance of the same.
- Fork of the above migration tools to use with different kind data to be migrated.
- Developed a go-based REST scraper tool to help with the migration.
- Fine tuning/bug fixing in REST APIs based on the feedback from testing.
- Environment: Go-lang, MySQL, Gin, go-swagger, docker, AWS, Linux

Software Engineer at Geo Edu-Tech Services, Hyderabad, India (May'2021 - Nov'2022)

- Developed the front-end using Flutter for the mobile app and ReactJS for a part of the project.
- Implemented a Go-lang back-end licensing service for schools and a caching service using Google storage.
- Set up VM, NGINX, and a systemd process for the backend service.
- Environment: Go-lang, GCP, Firebase, Flutter

Software Engineer at BigMints, Dubai, UAE (Oct'2020 - April'2021)

- Developed the front-end using the Flutter framework, reviewed code, and debugged problems.
- Transitioned the app from a serverless architecture to a server architecture to reduce costs.
- Set up a Node.js-based backend with MongoDB as the database hosted on Google Cloud App Engine.
- Implemented Firebase-based authentication for the backend and added time slot calculations based on existing bookings.
- Environment: HTML5, CSS3, Ajax, React Js, JavaScript, JSON, DOM, SCRUM, XHTML, Restful Web services, NodeJs, Strapi, Firebase, Flutter

Software Engineer at Coorgle Web Services, Mysore, Karnataka, India (Nov'2019 - Sept'2020)

- Followed Agile Methodology in analyzing, documenting, and developing functional and business requirements.
- Extensively used Flutter to implement cross-platform apps as per client requirements.
- Created design documents with use case diagrams, class diagrams, and sequence diagrams using Rational Rose.
- Collaborated with a multidisciplinary team to deliver updates on deadlines, designs, and enhancements.
- Used Firebase Messaging Services for reliable and asynchronous exchange of important information.
- Environment: Flutter, Firebase, Java, Strapi, HTML, JavaScript, TypeScript, Firestore

Executive Sales Representative at Sharekhan Ltd, Mysore, India (Aug'2017 - Nov'2019)

- Provided banking, financial, and broking services to clients.

PROJECTS / OPEN-SOURCE PROJECTS

- **Hub-Sub data processing system** Built data hub which processes data input from multiple sources and manipulates it to certain standard and publishes it to interested systems who listens to certain kind of Data, listeners can be added by users with different roles.available at adh.heart.org, using golang, mysql, and k8s ([Try it here](#))
- Developed and maintaining a Go-lang package ([available here](#) which makes it easier for anyone to write easier whatsapp integration, uses official WABA api.
- [turbo_flag](#) (a open source software which is a fork of the core flag library included in the go-lang)
- [Simple MQ Broker and Client](#): A simple, open-source MQ broker and client written in Go.
- [APP - Learn from maps](#): Geo edu-tech services app for learning from maps.
- [APP - Bapp - Book Appointments](#): BigMints app for booking appointments.
- [APP - Little basket stores](#): Coorgle web services app for Little Basket Stores.
- [APP - Bharat Grocer](#): Coorgle web services app for Bharat Grocer.
- [Flutter package - the_country_number_widgets](#): Flutter package for country number widgets.
- [Implementing UI animation in Flutter framework](#): Implementation of UI animation in Flutter.
- [Flutter package - simple_strapi](#): SDK for Strapi in Flutter.
- [Flutter package - super_strapi](#): Class generation for Strapi models in Flutter.

EDUCATION

Bachelor of Computer Applications, University of Mysore (UoM)

2012 2016