

Ashish Singh

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Summary

Industry experience of 5+ years in the planning, developing, and maintaining Golang applications. • Backend developer with experience in Golang, JS, NodeJS, REST, Webassembly Database, CI/CD skillsets, Microservice Development, Auth0, Docker, and Kubernetes. • Expertise in Golang and other frameworks like gRPC, gRPC-Gateway, gin, gorilla-mux. • Skilled in Test Driven Development. • Experienced in Relational Databases, SQL, and NoSQL DB Mongo Enterprise. • Sound understanding of object-oriented programming and design (OOPD), SOLID, clean code, fluent interface, and other design best practices.

Experience

RPAinfotech, Lead Engineer

- Working with client Robert bosch project software-defined vehicle innovation with web assembly.
- Working on a project that used go language, microservice, docker, Webassembly and many other technologies.
- GO lang, web assembly, Docker, podman, raspberry pi

Gurugram, INDIA

Apr 2023 to Now

1 year 6 months

Investmates, Senior Software Engineer

- we're creating a social media for Investor, Trader and all other finance-related stuff.
- Working on a project that used go language, microservice, docker, Kubernetes and many other technologies.
- GO lang, Database, Data structure, gRPC, Docker, Kubernetes

Coimbatore, INDIA

May. 2022 to Mar. 2023

11 months

Aezion Technologies, GoLang Developer

- Working on a project that used go language, PostgreSQL and many other technologies.
- GO lang, Algorithm, PostgreSQL, Data structure, gRPC

Bengaluru, INDIA

Nov 2021 to May 2022

7 months

Zedblox Logitech, Software Design Engineer, Intern

- Working on AI-IOT based Vaccine Carrier(Zedblox ActiPod) that last mile cold chain for Vaccine. Fall of 2004, supervised 10 - 15 Student Ambassadors.
- Head of software department of the zedblox Actipod project. Used Micro-service Architecture to develop zedblox Actipod (A Full Stack Web Application) which included UI, micro-services, database, dashboard and Live tracking.
- Interacted with other departments to understand their requirements and to develop the same in various platforms.
- Python, MongoDB, Nodejs, Recatjs, Expressjs, GO lang, shell script, Javascript, Vim, Docker, GPS tracking, cell tracking
- Mongoddb, Flask, GoLang, gRPC, Data analysis, Python, Pandas, Numpy, Scipy, javascript

Hyderabad, INDIA

July 2019 to Nov 2021

2 years 5 months

Education

BE Panjab University, Chandigarh, Computer Science

- GPA: 7.9/10.0
- Coursework:** Software Foundations, Computer Architecture, Algorithms, Artificial Intelligence, Comparison of Learning Algorithms, Computational Theory.

July. 2015 to May 2019

Projects

AI-IOT based Vaccine Carrier(Zedblox ActiPod)

GO Lang Project

- Project: Working on AI-IOT based Vaccine Carrier(Zedblox Acti- Pod) that last mile cold chain for Vaccine
- This IOT device lot more data to server and server have to read and process efficiently. we use go and go routine to handle efficiently.
- Tools:Python,Mongodb,Nodejs,Expressjs,GOLang,Javascript, GPS tracking, cell tracking, Mongodb,GoLang

Technologies

OPERATING SYSTEM: GNU/Linux, Windows, MacOS

LANGUAGES: Python,GoLang, javascript, C/C++

FRAMEWORK: Gin-Gonic, Gorilla/mux, fiber, Node.js, REST Api Flask, Web-development, Webassembly(WASM)

DATABASES: MangoDB, PostgreSQL, Mysql, Microsoft SQL Server, Redis

SOFTWARE: Visual Studio Code, Git, Vim, AWS Cloud, Docker, Kubernetes, gRPC