




Chirag Garg

Golang Backend Engineer

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EDUCATION

JAYPEE INSTITUTE OF IT

June 2021

BTECH IN COMPUTER SCIENCE

Current GPA: 8.1 / 10

S. D. PUBLIC SCHOOL (CBSE(10TH))

2013 - 20215

GPA: 9.2 / 10

S. D. PUBLIC SCHOOL (CBSE(12TH))

2015 - 20217

Percentage: 86.4

RELEVANT COURSEWORK

Courses: Data Structures, Artificial Intelligence, Number Theory, Operating Systems, Computer Networks, Fuzzy Logic and Neural Networks, Blockchain Technology, Unix Tools and Scripting

Awards: Scored 5th rank in Knuth Cup organised by University, among the 270 teams

SKILLS

Languages: Python 3, Go Programming, NodeJS, Flutter, Dart, C++, HTML, CSS, Javascript, MySQL.

EXPERIENCE

APPYHIGH TECHNOLOGIES | *GOLANG BACKEND DEVELOPER*

May 2022 - Present

- Developed and maintained the backend infrastructure for phot.AI from scratch, an AI based photo editing platform, where one can create Avatar, edit and enhance photos all by itself, ensuring performance and scalability
- Developed a microservice architecture in Golang for Caller-GO, which is based on REST and the app has more than 1 Lakh downloads
- Developed a health check dashboard for the internal use, where all the endpoints can be added and provides notification and all other details regarding them will show.
- Worked as the second owner on some of the projects like Pulpyp VPN, Messenger Go, and some internal projects, etc.

ZOPMART | *SOFTWARE BACKEND DEVELOPER*

Feb 2021 - May 2022

- Worked on ETL Architecture in Golang and also handled spikes many times
- Developed microservices in Golang to process numerous data from various db like MySQL
- Implementing the routing technique in Golang using Gorilla mux as request router and dispatcher for matching incoming requests to their respective handle
- Worked on the creating multiple services interacting with each other using RESTful endpoints with JSON as data exchange format

PROJECTS

Caller GO | *Golang, MySQL, Mongo DB, VS Code*

- Developed a microservice architecture in Golang for Caller-GO, which is based on REST
- Followed a well structured architecture in a very high performance language.
- App has reached 500K downloads.
- Worked closely with app developer and QA teams to ensure a high-quality user experience for users.

PHOT AI | *JavaScript, Node.js, Stripe, Mongo DB, VS Code*

- Created the backend architecture from the ground up for an AI-based photo editing platform.
- Enabled for 2 types of users, for simple customers and another for developers
- Added the stripe payment feature for pro members
- Implemented efficient database design and query optimizations, resulting in faster data retrieval and improved user experience.
- Implemented efficient database design and query optimizations, resulting in faster data retrieval and improved user experience.
- Worked closely with frontend developers, designers, and QA teams to ensure a cohesive and high-quality user experience for Phot.AI users.

TRACKING OF FAKE IMAGES USING BLOCKCHAIN AND SMART CONTRACTS

- Ethereum-blockchain-based solution for tracing images.
- Smart contract basically stores the information of each and every image shared on the platform
- Solution meets security requirements, and is resilient against commonly known security attacks.
- Tech Stack used: React, Ethereum, IPFS, Smart Contract, Solidity.

PROGRAMMING ACHIEVEMENTS

Codechef July LunchTime <i>among top 150 out of 7500</i>	2021
Google Foobar <i>among top 150 out of 7500</i>	2020
Knuth Cup <i>5th among 270 teams</i>	2020
Coderbit 2.0 — InterviewBit <i>among top 150 out of 2765</i>	2019