

# NAYAN THULKAR

## Computer Science Engineer

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## OBJECTIVE

Passionate software engineering graduate with a hands-on, high energy approach, well-developed skills in Agile methodology. Excellent problem solver. Looking for new opportunities where I can apply my skills and contribute to real-world problems.

## WORK EXPERIENCE

### Rupifi

#### Backend developer

📅 Nov 2022 - Oct 2023    📍 Bangalore, India

- Worked on monolith checkout backend service **go gin framework**, build clean and optimised APIs for serving online transactions. Learned how to add basic security by adding middle-ware auth.
- Involved working with **Tally Solutions**, build some APIs for handling data sync and managing config. Also, build a collective entity sync type of feature which can show entity sync config on UI dashboard.
- Also got involved in **designing schemas**, learn how to manage and organise data on db level.
- Spent some time on integrating with **Webapis** with our check-out service. Also worked with handling **schedule jobs** using **cronspect** and **consuming events** using **Rabbitmq**.
- Has a good understanding of how transaction happen in online world, and has a decent picture of how payment flows from state to state.

### Delhivery

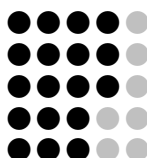
#### Backend developer

📅 Jun 2021 - Nov 2022    📍 Bangalore, India

- Worked on writing CRUD APIs in **golang echo framework** on the ground. Also able to add some features and fix bugs as required by product teams and delivered to end users on prod.
- Also wrote a **kafka consumer** in **golang** which is responsible for executing targeted functions when a fresh message is appended in **kafka** topics.
- Initial days, I also worked in writing **CI pipelines in github actions** for automated deployment. Also wrote **swagger yaml** file for api documentation and roles permission files for **auth0**.
- Has a good understanding of software development cycle and its deployment in my organization. I have also spent some time on dockerization the app and push the image to repositories.

## SKILLS

C++, Python, Golang, echo  
HTML, CSS, JavaScript, SQL  
ReactJS, THREE.js  
Docker, Linux, Git, GitHub  
Postman, Github actions



## EDUCATION

### Indian Institute of Technology Patna

#### BTech in Computer Science

📅 Jul 2017-Apr 2021    📍 Patna

CGPA = 6.62

### Resonance Institute

#### Science (PCM)

📅 Apr 2015-Feb 2017    📍 Chandrapur

JEE Advance rank: 649

Maharashtra HSC Percentage = 89%

### Chanda Public School

#### Secondary School

📅 Jun 2006-Feb 2015    📍 Chandrapur

SSC CGPA = 9.8/10

## PROJECTS

### Portfolio

December 2021 - Present

- Build a portfolio website using **ReactJs**.
- Inside about section, I have created a 3D sphere from scratch using **THREE.js** which keeps rotating in any direction.
- Build its backend service in **go** and deployed in **AWS EC2 instance**. The deployment is backed by **github actions** CI-CD pipeline.
- The website is live in <https://nayanchar24.netlify.app/>

### XBOX e commerce website

January 2021

- Built an e commerce website with **HTML5**, **CSS3** and **JavaScript(ES6)** on frontend that can buy/sell XBOX games.
- Also built a R-database on backend with **PHP** and **MySQL** that can handle the user queries.

## MINI-PROJECTS

### Sudoku Generator and Solver

August 2020

- Built a sudoku generator and solver **Python/Pygame** application with the help of **OOPS**.
- The program uses the **backtracking** algorithm to solve the puzzle.

## COMPETITIVE CODING

- Solved 600+ problems on various online platform. Codeforces Rank: 1536(Max).