

# Anurag Bandyopadhyay

## Product Development Engineer 1- Backend

Computer Science 2023 Graduate | OpenSource | Web Development | NLP



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github.com/SoulPancake

## SKILLS

Java Golang

Python PHP

JavaScript Algorithms

MERN Stack SQL

OpenSource

Flutter App Development

Natural Language  
Processing specialization -  
DeepLearning.ai

FastAPI ReactJS

Competitive programming

## LANGUAGES

English  
Full Professional Proficiency

Hindi/Urdu  
Full Professional Proficiency

Bengali  
Full Professional Proficiency

## INTERESTS

Music , Guitar

Martial Arts

Video Games

## EXPERIENCE

### Product Development Engineer - Backend

#### Razorpay

08/2023 - Present

Bangalore, India

##### Achievements/Tasks

- Building Platform ( Shopify, WooCommerce ) sync microservice for **Coupon Engine** project for Magic Checkout Experience team.
- Built support for Shopify private app onboarding for one page checkout, Advanced Cash of Delivery features by Razorpay.
- Built COD pricing service for settlements which was previously excluded and unlinked from transactions via Razorpay.
- Golang, Protocol Buffers, Docker, Kubernetes, Amazon SQS, Command line tool, GraphQL.**
- Razorpay Github : <https://github.com/angbpy>

### Software Development Engineer - Backend Intern

#### Razorpay

05/2022 - 07/2023

Bangalore,India ( Remote )

##### Achievements/Tasks

- Working in the payments BU for the Razorpay **Magic Checkout** Plugins and checkout experience team.
- Built support for multiple re-targeting plugins to onboard **50+** merchants and a framework for 3rd party plugin providers to utilize Magic Checkout data, eliminating developer efforts on our end by **100%**.
- Built in-house Analytics Dashboard using real time data from Apache **Pinot** and **Datalake** using **Golang** Microservices, **Redis** for Caching, frontend built using **ReactJS** and in-house Blade UI component library.
- Migrated 8 microservices from deprecated **Traefik** V1 reverse proxy to V2 using IngressRoute conversion in **Kubernetes** manifests and implemented weighted routing via internal orchestrator Vishnu for smooth and gradual ramp up to v2 load balancers.
- Onboarded Magic Checkout services on the **Dynamic Configuration service** enabling efficient configuration management using **ProtoBufs** and **Golang** Microservices.
- Tech stack : **Golang, Protocol Buffers, Docker, Kubernetes, Traefik, GraphQL, PHP, JavaScript, Shopify Liquid, HTML, CSS, Amazon SQS.**

## PERSONAL PROJECTS

### Optic - Maps based Mission Management System (01/2023)

- Mission management and real-time collaboration inspired by Palantir's **Gaia** and **Cosmos**.
- CRUD application for mission pins, login and authentication , marking critical regions , real-time communication using Nests ( SyncNest ) using **React , MapBox , MongoDB** and **Keras** .

### Redis - OpenSource (01/2023 - Present)

- Active contributor to Redis **Golang** client library **go-redis** by implementing 10+ Redis 7.0 and 7.2 commands and their tests and mocks ( **gomega** ) and multiple roadmap items.
- Contributed to Redis Go library **Rueidis**, **Java** client library **Jedis**, and redis **python** for implementing Redis 7.0 and 7.2 commands.

### SyncNest Web Application (04/2022)

- Deployed a realtime code editor web application in which multiple users can join and the perform pair programming and collaborate real-time using **ReactJS,NodeJS** and socket.io deployed on render.

## EDUCATION

### B.Tech Computer Science and Engineering

Kalinga Institute of Industrial Technology,Bhubaneshwar

06/2019 - 06/2023

9.32 CGPA

## ACHIEVEMENTS

Won 3 SPOT Awards for working on critical items with full ownership that lead to a 200x overall increase in merchant acquisition and smooth transition in infra without downtimes.

Ranked 3rd in Matchr.in hiring hackathon by building TourPool 