

# ROJAN MAHAJARAN

FULL STACK DEVELOPER



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## PROFILE

Full-stack software engineer with 4+ years of experience developing real-world web and mobile solutions. A problem solver and team leader with broad professional experience in building real-world solutions that add value to the organization. Molded by the startup culture and adaptive to the new responsibilities, I am not bounded by the tech I use and am flexible to work on entire application stacks. Overall a complete solution expert who is ready to welcome any challenges you present.

## TECH SKILLS

- **Backend:** Node.js (Typescript), Go
- **Frontend:** React, Next.js and Angular
- **Mobile:** Flutter, React Native
- **Infrastructure:** AWS and GCP
- **Dev-ops :** Github actions
- **App Architecture:** Serverless and Monoliths

## EXPERIENCE

### FULL STACK ENGINEER

Niftory (Seattle, Washington) (Remote)

2022 - Present

- Blockchain transactions and graphql Niftory API implementation
- Complex UI design and development for supporting async blockchain operation
- Worked solely on open source free NFT minting application **MintMe**
- Niftory Cli for easily working with Niftory API

### TEAM LEAD & FULL STACK ENGINEER

Wesionary Team (Shibuya, Tokyo) (Remote)

2021 - 2022

- Front-end and backend systematization as per industry standard
- 3D NFT mint application with more than 15k\$ revenue in a week
- Huge data migration and optimization platform for Japan government schools

### FULL STACK ENGINEER

Chaitanya Design Pvt. Ltd (Bhanimandal, Lalitpur) (On-site)

2019 - 2021

- Full stack applications on web and mobile platforms
- Serverless architecture for cost effective infrastructure

## SOFT SKILLS

- Team Lead
- Problem Solver
- Good Communicator

## EDUCATION

**BACHELOR (HONS.) OF  
COMPUTER SCIENCE AND  
SOFTWARE ENGINEERING**

Graduated with First Class Honours

2017- 2020

# PROJECTS

## Niftory (2022 - Present)

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### Niftory API

**Company Name:** Niftory (Internal)

**Project Duration:** 2022 September - Present

**Role:** Serverless Nodejs API design and development with cadence blockchain transactions calls

#### About

- Niftory API is a platform that simplifies complex blockchain interactions within an API call
- The tech stack used serverless functions to interact with Flow/Ethereum blockchain and postgres for database storage, redis for caching and AWS lambda with API gateway for hosting

### Niftory Admin

**Company Name:** Niftory (Internal)

**Project Duration:** 2022 September - Present

**Role:** Nextjs/React front end developer

#### About

- Niftory Admin is the admin portal that allows creating and managing organization and apps for niftory APIs
- The tech stack used was Next/React for frontend with Niftory API for integrations hosted in vercel edge functions

### MintMe

**Company Name:** Niftory (Internal)

**Project Duration:** 2022 November - 2023 January

**Role:** Project lead and full stack developer

#### About

- An open source NFT minting and sharing platform build on top of Niftory API
- The tech stack used was Next/React for frontend with niftory API as backend
- Is goto platform for easy NFT minting and sharing in the Flow ecosystem

### Niftory CLI

**Company Name:** Niftory (Internal)

**Project Duration:** 2023 February - 2023 February

**Role:** Nodejs Oclif cli development

#### About

- Cli tool for calling Niftory API easily
- The tech stack used was nodejs oclif with niftory cli as the backend

### Create Niftory App CLI

**Company Name:** Niftory (Internal)

**Project Duration:** 2023 February - 2023 March

**Role:** Project lead and Nodejs Oclif cli developer

#### About

- Cli tool for calling generating Niftory starter apps using the niftory CLI
- The tech stack used was nodejs oclif with niftory cli as the backend

## Wesionary Team (2021 - 2022)

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### Metapylon

**Company Name:** Metapylon

**Project Duration:** 2022 June - 2022 September

**Role:** Full Stack development with 3D editors and Ethereum blockchain transactions

#### About

- Metapylon is a platform for creating a new NFT by using your existing NFTs.
- The tech stack used was Next/React with Three.js for frontend with express.js API to interact with smart contract deployed in Ethereum blockchain.
- Was able to sell hundreds of NFTs on release day with sales of 6.8 ethers.

### Health Journey

**Company Name:** Real World Data

**Project Duration:** 2021 December - 2022 June

**Role:** Team lead and full stack web and mobile development

#### About

- Developed a web and mobile application that manages health checkup results from infants to school children.
- Used NextJs as a web front-end and flutter as mobile frontend with GO gin as backend API.
- Responsible for data processing and formatting along with periodic sync with the existing databases with cron jobs.
- Deployed with AWS elastic beanstalk with autoscaled instances to support the large traffic of users.
- Used AWS lambda with custom Cognito triggers for 2-factor authentication.
- Created a health data recording platform with thousands of users. Featured in multiple Japanese media platform as goto health record management app.

### KOL Tech Dashboard

**Company Name:** Kolt technologies

**Project Duration:** 2021 October - 2022 December

**Role:** Team lead and full stack web development

#### About

- Created a web platform for connecting influencers with product companies.
- Created the major features which included AI-generated influencer recommendations.
- Developed a customized chat for product promotions and scheduling product promotions.
- Used tech stack Typescript, React, Node.js, JavaScript, and PostgreSQL.

### Teamplice

**Company Name:** Anywhere Inc

**Project Duration:** 2021 April - 2021 October

**Role:** Full stack web development

#### About

- Created a web platform for sharing and lending work spaces
- Used tech stack Typescript, React, Node.js, JavaScript, and MySQL.

# Chaitanya Designs (2019-2021)

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## My Parikshya

**Company Name:** Chaitanya Designs (Internal)

**Project Duration:** 2020 December - 2021 April

**Role:** Full stack web and mobile development

### About

- Created an online tool for students to help them crack their entrance exams.
- Built the platform with React.js and typescript/javascript web front-end, React Native mobile front-end, and Python API.
- It leveraged serverless architecture with the entire API being deployed in AWS Lambda functions with the serverless framework in front of the API gateway.
- Tech stack used was JavaScript, Node.js, Python, Redux, AWS, React, Serverless, AWS Lambda, React Native, and Typescript.
- Created a online learning platforms that scaled to thousands of users with very minimal hosting costs because of efficiency of AWS lambda.

## Save Munch

**Company Name:** Save Munch

**Project Duration:** 2020 April - 2021 December

**Role:** Full stack mobile development

### About

- Deployed a mobile platform for food delivery and sharing unconsumed food.
- Built the app on Flutter with Nodejs API and used google maps api for real-time routing to connected restaurants.
- Hosted the app in AWS EC2 instances with Nginx configurations.

## Stay in farm

**Company Name:** Stay in farm

**Project Duration:** 2019 December - 2021 April

**Role:** Project lead and Full stack web development

### About

- Developed a web platform for connecting farms of Nepal with visiting tourists.
- Built the platform with Angular front end and node.js backend.
- Deployed it on Alibaba host with apache server.

## Grace International

**Company Name:** Grace International

**Project Duration:** 2019 March - 2019 November

**Role:** Project lead and Full stack web development

### About

- Developed a location aware portfolio platform for a multi-national educational consultancy.
- Used Angular as web front end and Node.js as backend API.
- Deployed on AWS EC2 servers with Nginx .