Dhanraj Pai Raiturkar

Associate Software Engineer (2 years experience)

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Github **LinkedIn**

EXPERIENCE

Zapcom, Bengaluru — *Associate Software Engineer*

July 2022 - PRESENT

As an Associate Software Engineer in Zapcom for the past 2 years, I have worked as a javascript, typescript, angularjs, reactjs and nodejs developer

Zapcom, Bengaluru — *Intern*

January 2022 - July 2022

As an Intern in Zapcom for 6 months, I have worked as a javascript, angularjs and reactjs developer as a shadow resource.

EDUCATION

Goa University, Taleigao Goa — *Master of Computer Applications*

June 2019 - July 2022

Achieved a strong academic record, focusing on software development, data structures, algorithms, and database management.

Shree Damodar College of Commerce and Economics, Madgaon Goa — *Bachelor of Computer Applications*

June 2016 - June 2019

Achieved a strong academic record, focusing on basics of software development, and additional subjects such as communication skills and economics.

Rosary Higher Secondary School, Navelim Goa — *Higher Secondary School Certificate*

June 2014 - June 2016

Pursued the Science stream with a focus on Mathematics.

PROJECTS

Suntec+ — *Loyalty Management System*

This Project consists of a Serverless Backend Application, Web Portals and

SKILLS

Javascript

Typescript

ReactJS

Redux

NodeJS

ExpressJS

MongoDB

AWS SAM, DynamoDB, Lambda, Cognito, API Gateway, Cloudwatch

Git

HTML

CSS

Jest

AWARDS

Won First Place at Company's internal team Hackathon

Awarded as one of the top contributors in the company (Zapcom) for 3 quarterly town hall events

LANGUAGES

English, Hindi, Konkani

a Mobile App for IOS and Android.

Tech Stack: AWS SAM, DynamoDB, Cognito, Lambda, Cloudwatch, Open Search, API Gateway, Strapi CMS, NodeJS, ReactJS, React Native, Material UI

Tools: Git, Bitbucket, Azure Devops, Postman, Ngrok, AWS Console, AWS CLI, VSCode, Docker

Worked Mainly On:

- AWS SAM Serverless backend application using nodejs runtime environment
- Authentication and Authorization using AWS Cognito service
- Backend Application integration with DynamoDb using dynamoose ORM
- Backend Application integration with payment gateway (Razer Merchant)
- API Gateway Integration for creating RESTful APIs
- Axios Instance for fetching and posting data to Capillary CRM
- Background Jobs using cloudwatch scheduler and cron events
- API optimization by adding lambda warmers to avoid cold start issues and caching rarely updated CRM data in Dynamodb to avoid unnecessary API invocations to CRM
- Building reusable reactjs components for web portals using Material UI and Typescript
- Implemented Redux store to avoid prop drilling in reactjs web portal repository
- Used docker to run lambda APIs locally for development

Real Property Management BackgroundJob — *.NET Console Application*

This Project consists of a .net 6 console application responsible for fetching property mortgage and appreciation data and updating the values in postgresql database. The application is triggered by a predefined cronjob expression.

Tech Stack: .NET 6, PostgreSQL

Tools: Git, Azure Devops, Postman, VSCode

Worked Mainly On:

- Development of the .NET 6 console application

Real Property Management Wealth Optimizer — *Rental ROI Calculator*

Web Application that helps you in optimizing your rental property's return on investment.

Tech Stack: AWS Lambda, NodeJS, Express, Typescript, ReactJS, Javascript

Tools: Git, Azure Devops, Postman, VSCode, Crownpeak CMS

Worked Mainly On:

- Website frontend for building responsive and reusable components using ReactJS and Typescript
- Built custom hooks to maintain separation of concerns between logic and view
- Configured redux store to avoid prop drilling
- Backend NodeJS Express REST APIs
- Unit testing for backend NodeJS Express app using jest

ProTradeNet — *Franchise Vendor Hub*

Web Application built for franchise owners to maintain relationships and programs with preferred vendors than what the franchise owner would be able to establish and negotiate individually.

Tech Stack: AWS Lambda, NodeJS, Express, Typescript, JQuery, Javascript

Tools: Git, Azure Devops, Postman, VSCode, Crownpeak CMS

Worked Mainly On:

- Website frontend for building responsive web pages using jquery
- Backend NodeJS Express REST APIs
- Unit testing for backend NodeJS Express app using jest