

RAHUL THAKKAR

SOFTWARE ENGINEER

About Me


I've always had a passion for technology and software development, and I'm thrilled to have the opportunity to work in this field. I enjoy tackling complex technical problems and working collaboratively to find solutions. When I'm not coding, I enjoy reading books and watching f1.

Skills

 Python

 Django

 ReactJS

 Ruby on Rails

 AngularJS

 MongoDB

 Postgress

 AWS

Projects

Title: Visa Application Portal

Technologies: React JS, Liferay, AWS Cognito, MySQL.

Team Size: 14

Project Description: The project is AI driven platform using which recruiters helps international students to achieve their academic and career goals. It provides recruiters diversified educational institution listing, helps to manage student information and documents, suggests the best fitted courses for the students using their educational history, and mellows the process of student application to student enrolment in the institutions.

My Roles & Responsibilities:

- Contributed in front-end development in ReactJS.

Title: Visa Application Service Portal

Technologies: React JS, AWS Appsync, AWS CDK, DynamoDB, AWS Cognito

Team Size: 4

Project Description: A portal that provides information of main web app with simplified view and resources to manage the data, helps to keep web app updated in real-time without any technical assistance.

My Roles & Responsibilities:

- Create GraphQL APIs with AWS Appsync.

- Responsible for creating user rich and friendly UI from scratch in ReactJS.
- Contributed actively in development of system schema design and development of almost all the feature and modules.

Title: Workflow Management System

Technologies: Ruby on Rails, AngularJS, AWS (EC2, S3), Postgres

Team Size: 20

Project Description: It is workflow automation application that helps medium and large-scale businesses or companies to handle their day-to-day processes. It provides workflow approval, expense reimbursement, ledger management, and report generation features.

My Roles & Responsibilities:

- Created RESTful APIs in ruby with rails
- Designed schemas for various features.
- Integrated Microsoft-Teams, Slack and Lineworks notifications.
- Integrated Microsoft SSO, SharePoint for file storage and management, and Metabase for report generation.
- Developed Lineworks ChatBot.
- Actively developed plan subscription system.
- Developed micro-services to provide APIs to integrate Smartflow in other products.
- Integrated RESTful APIs with AngularJS to provide rich user experience.

Title: HRMS portal

Technologies: React JS, React Native, AWS Amplify, GraphQL, DynamoDB, AWS Cognito, AWS Lambda, AWS Appsync

Team Size: 7

Project Description: Emplify is a SaaS solution to handle the growing needs of HR team to manage the remote teams online. It provides a curated solution to manage the HR activities related to managing the leaves, time sheets, approval flows and perks online.

My Roles & Responsibilities:

- Contributed in designing the schema and development for 90% of the features/modules.
- Created GraphQL APIs with AWS AppSync.
- Integrated Vuexy ReactJS theme and contributed in development of user responsive UI.

Title: Image to Text Conversion Application

Technologies: Python, Flask, Angular, AWS EC2, Google Vision, Tesseract

Team Size: 2

Project Description: A simple but powerful OCR to extract text from pdf and images. It pre-processes the images and pdf using cv2 and extracts all the text in it using Google Vision.

My Roles & Responsibilities:

- Created RESTful APIs and image pre-processing services using imutils, numphy and openCV in python with flask from scratch.
- Integrated Google Vision and tesseract to develop an OCR.