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ANUBHAV

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Education

- **Bachelor of Technology in Computer Science and Engineering, 2015-2019**
  Indian Institute of Technology (ISM), Dhanbad, India
  OGPA – 7.93

WORK EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER – RUPICARD **OCT 2022 - MAR 2023**

- Implemented the design for Rupicard website **frontend** and **backend** using **Reactjs** and **NodeJs**. Also, integrated monitoring tools like **Microsoft Clarity**, **Facebook Ads**, **Google Ads**, **Google Analytics** and **Google firebase**. (**Tech-stack: ReactJs, NodeJs, Google Analytics 4, Facebook Ads, Firebase, AWS**)
- Worked on a bank partner given **Android SDK** for onboarding, dispatching and managing credit cards.
- Written **Python** scrapers for **Twitter**, **Facebook** and **Youtube** using **Selenium**, **Requests_html**, **Youtube API v3** and **Twitter API v2** to collect audience specific data

SOFTWARE DEVELOPMENT ENGINEER 2 – ORAVEL STAYS PVT LTD **JUN 2019 – SEP 2022**

- Worked on **Yo! Chat backend**. Yo! Chat is a customer facing chat which helps resolve queries related to booking, modify booking details like check-in check-out time, guest name, guest mobile number, guest hotel etc. Haptik connect is used by Yo! to connect a customer to a Haptik agent in case the bot responses are not satisfactory. I made changes to existing bot logic to drop the toll on Haptik agents by 38%. (**Tech-stack: Springboot, websocket, sockjs, stompjs, Mongodb, NoSQL**)
- Created **OYOChat Partner interface** from **scratch** using **React-Redux-webpack** and **Test Driven Development**. It was designed to replace Freshdesk which cost the company around **20 lakh rupees a year**. This chat application was launched across all the operating geographies like Thailand, Indonesia, UK, USA, Malaysia etc and replaced Freshdesk completely. The **bundle size of the project was 139.4 kbs** as extra library dependencies were kept to a minimum (only 2). (**Tech-stack: React, redux, webpack, verdaccio, react-testing-library, enzyme, jest, CSS, HTML**)
- Created **Agent Assist frontend** and **backend** from **scratch**. Agent Assist is an Agent facing bot responsible for conveying SOPs to call centre executives. The weekly rpm of its usage is one of the highest in the team. (**Tech-stack: React, redux, webpack, verdaccio, google analytics, Kafka**)
- Worked on the **OYOChat backend** from **scratch**. OYOChat was a chat service used by OYO agents to resolve hotel staff queries as well as onboard new hotels . (**Tech-stack: Spring Boot, PostgreSQL, Hibernate**)

PROJECTS

- **SPEECH TO TEXT CONVERTER USING BIDIRECTIONAL RNN AND CNN**
  Github: https://github.com/AnubhavBharadwaaj/speech_to_text_converter
  Worked upon a speech to text converter which can convert recorded speech to text using one bidirectional RNN layer, one CNN layer, two dropout layers, one batch normalization layer and one softmax activation layer.
- **IMAGE CAPTIONING USING CNN ENCODER AND LSTM DECODER**
  Github: https://github.com/AnubhavBharadwaaj/image_captioning_using_resnet_encoder_lstm_decoder
  Developed an image captioning model using a ResNet50 encoder and LSTM decoder.
- **FACIAL KEY-POINT DETECTOR USING CNN(S)**
  Github: https://github.com/AnubhavBharadwaaj/facial_keypoint_detection
  Facial key-points generated for identifying similarity between images using a CNN model.

TECHNICAL SKILLS

- Languages Javascript(Intermediate), Java(Intermediate), Python(Beginner - Intermediate)
- Libraries React, Redux, Webpack, Springboot(Beginner - Intermediate), Tensorflow(Beginner)