Manoj Kumar

SOFTWARE ENGINEER

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Education

Anna University   *Chennai*
BACHELOR OF ENGINEERING IN COMPUTER SCIENCE, GPA: 7.0/10.0   *May 2017*

Skills

Languages	JavaScript, Golang, HTML5, CSS3
Frameworks	React js, Redux, Express, Loopback, Sails js
Libraries	Twitter Bootstrap, Jquery
Source Control Tools	Git, Jira
Databases	PostgreSQL, RDBMS, MongoDB, DynamoDB, Redis
Build Tools	Webpack, Gulp, Docker

Experience

Happyfox Technologies   *Chennai*
FULL STACK SOFTWARE DEVELOPER   *May. 2019 - Present*

- Helped in complete rewrite of the core chat server using Go (Previously in Python). Involved in shifting to WebSockets mechanism from HTTP long polling.
- Integrated HappyFox Chat Application with Slack and MailChimp tools.
- Integrated the core chat with AWS SNS for android and iOS push notifications as well as iOS background push notifications.
- Developed reporting pages comprising of charts and graphs in React-Redux framework and constructed related back-end APIs in Node.js.
- Built REST APIs from scratch for chat application in Golang and constructed APIs for non-chat related entities in Node.js.
- Developed bot workflows for taking over chats from customer, answering repetitive questions, listening to ML prediction APIs and transferring chats to human agents.

Ideas2it Technologies   *Chennai*
SOFTWARE DEVELOPER   *Jul. 2017 - Apr. 2019*

- Involved in writing boiler-plates from scratch using React-Redux architecture which is used across all web development projects.
- Involved in developing responsive and browser-compatible web applications using technologies such as React-Redux, HTML5, CSS3, Bootstrap, Webpack, etc...
- Worked in constructing email-templates using template engines such as ejs and sending subscription emails for customer consumption.
- Constructed cron jobs for server maintenance and scheduling automated task runners.
- Handled AWS infrastructure services such as EC2 instances, S3 buckets, Cloudfront, SNS and SQS services.
- Involved in constructing REST APIs in Node.js based frameworks such as Express, Sails and Golang.

Projects

HappyFox Chat (Live Chat Application)

- A live chat based software product built to deliver the most focused and highly relevant data to every chat and deliver personalized customer service.
- It is lightweight and mobile responsive with features such as integrations, sync and streamline data between HappyFox Chat and various applications relating to helpdesk, analytics, mailing, reporting, e-commerce, etc...

Factory 360 (Industrial IOT And Asset Management Project)

- An IOT based product to maintain all the assets of a company and provide infrastructure for edge computing, advanced data streaming, data analytics and deep learning to provide predictive asset maintenance and insights.

Intelligent Talent Acquisition (Applicant Tracking System)

- Intelligent Talent Acquisition (ITA) is a software for recruitment agencies. It involves Artificial Intelligence to identify the matching candidates. It handles the complete workflow of the recruitment agencies associated with hiring candidates.