Pratheek Bhandary

pratheekbhandary@gmail.com | +91-8660319312 | Bengaluru

EDUCATION

NMAMIT
BE in Electronics and Communication
June 2015 | Nitte, Karnataka
CGPA: 8.23

LINKS

github.com/pratheekbhandary
linkedin.com/in/pratheekbhandary
Portfolio:
pratheekbhandary.netlify.app

SKILLS

PROGRAMMING

Over 5000 lines:
JavaScript •React •Redux •Relay •Golang •SCSS •NodeJs • GraphQl •HTML5 • CSS3

Over 1000 lines:
Python • Next.Js • Docker • PostgreSQL •GCP - Cloud Functions | Compute Engine | Cloud Storage • AWS

Familiar:
React-Native • Nginx • Shell

CERTIFICATIONS
• M101JS: MongoDB for Node.js Developers [2018]
• Java Programming [2014]

COURSES
• Infosys Training Programme
• Node JS: Advanced Concepts
• Modern React with Redux
• Introduction to D3.js

EXPERIENCE

PAYODA TECHNOLOGIES | Software Engineer
CLIENT: ARISTA NETWORKS April 2019 - Present | Bengaluru, KA

Showtech Analyzer

Application to analyze showtech (log files from Arista's devices), and highlight critical issues in the device. This has reduced an engineer's MeanTimeToRespond(MTTR) which is an indicator of increased efficiency.
  • Implemented file parsers in Golang to read showtech files and store them in json format, and analyzer to extract relevant data.
  • Implemented **GraphQl** queries and mutations, DB CRUD operations using SQLBoiler, a Go ORM for Postgres.
  • Developed Home page with real time updates to emulate subscriptions only when tab is active and parsing uploaded file in webworker.
  • Implemented Tasks page UI processing of showtech file using **React-Relay**, **TypeScript** and Graphql queries.
  • Implemented Topology view to illustrate network graph of the device using **D3.js** force simulation graphs and moved complex path calculation into a webworker, significantly improving the performance.
  • Implemented a Hook to update pagination states to url (Url filtering feature).
  • Currently working on hashing files in browser using WASM library to avoid uploading existing files.

Queue View

A ReactJS based CRM tool used by Technical Assistance Center engineers.
  • Built drafts feature using Operational Transforms to save incremental changes on top of RTE QuillJs.
  • Implemented cross-tab auth token invalidation, user traffic logs, and admin portal.

Dev Engagements

A NextJs based wrapper on AWS S3 bucket to upload, download, move and copy case attachments. Also handled the deployment of the app in EC2 using pm2.

INFOSYS | Technology Analyst
Aug 2015 – April 2019 | Mangaluru, KA

Allstate Insurance Portal

Rebuilt the Allstate Insurance application using the latest technologies like React, Redux.
  • Re-wrote Reports page improving the load time, which got appreciation from the product manager.
  • Mentored and trained junior developers, collaborated with other teams and integrated components delivered by them to make it work seamlessly with our application.
  • Created a tool to save the redux state into Indexed DB, improving the developer experience during unit tests.

APTEAN | Quality Assurance Intern
Feb 2015 – Aug 2015 | Bengaluru, KA

PERSONAL PROJECTS

2018	Hotel management application that collects orders and notifies the food court. **Tech Stack**: React-Redux, Firebase, React-Native, Expo.
2018	Portal for hackathon registration with file upload feature. **Tech Stack**: React-Redux, Express, Typescript, MongoDB.
2020	Portfolio website with emphasis on using CSS and JS animations deployed in netlify. **Tech Stack**: React, CSS3.
2021	Currently working on a tool to take notes during lectures and meetings using Google STT and also differentiate voices (inspired from fireflies.ai) **Tech Stack**: React-Relay, Golang, Google cloud sdk.