Contact

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Skills

Node.js

React.js

Express.js

TypeScript

Mongo DB

PostgresSQL

RESTful API Interfaces

Linux

Postman for testing API's

Akash **Singha**
Software Engineer

Forward-thinking Software Engineer with background working effectively in dynamic environments. Fluent in Typescript,Node.js,Express.js,MongoDB,PostgresSQL. Proud team player focused on achieving project objectives with speed and accuracy.

Work History

2019-05 - 2020-08

Software Engineer

Talentquest Solutions Private Limited, Bengaluru, Karnataka

- Actively involved in developing API's from **scratch** using Node.js and Express.js, MongoDB,Mongoose.
- Developed UI components using React.js .
- Developed Authetication strategy using OAuth.
- Significantly reduced latency of API's by optimizing SQL Queries.
- Developed Internal Tool for my Organization from **scratch** which kept track of sprints,pulled recent and past sprints and mailed them to the engineering team.
- Developed partial save feature for our main application which allowed user to save partial data.
- Wrote the Dashboard which showed analytics data using React and Recharts.
- Used sendgrid to trigger sending emails using sendgrid's batch mechanism.

Education

2014-04 - 2018-04

B.Tech : Computer Science And Engineering

West Bengal University Of Technology - Kolkata

• Projects

Shopping cart application using **React**,**MongoDB**,**Express** and **Mongoose**,which allowed users to shop.Users can checkout only after they have logged in.

- Implemented Authentication logic using passport.js.
- Managed state using Redux thunk.
- Passwords are hashed using Bcrypt Node.js package.
- Autheticates via username and password using Json Web Token.
- Used UUID to generate unique user ID.

Survey App

In this app we can send out addresses to N number of email addresses(recipients) and collect responses from each of the recipients from their email account.

- Used Redux for state management.
- Used sendgrid to send mails.
- Used the Stripe API for transactions.