Vinodh Tankasala

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SUMMARY

6+ months of professional work experience as a full-stack developer in a startup which has provided exposure to application development from scratch to deployment. I have completed MS from San Jose State University and am looking for a full-time opportunity in full-stack/web development (JavaScript, React-redux, React-Native, Node.js).

SKILLS

Programming Languages: JavaScript, ES6, HTML5, CSS3, Bootstrap, Python.
Web Technologies: React.js, Redux, Node.js, React-native, RESTful API, JSON, JSX, Express
Data Technologies: PostgreSQL, MongoDB
Cloud Technologies: AWS (Recognize, S3, DynamoDB, Lambda, IOT, ELB), Cisco (OpenBMP Sandbox, OpenDaylight Carbon)
Misc.: VIM, GIT, babble, EJS, AWS-VPN, Cisco VIRL, Linux, C, C++, Mocha, VMware, Networking concepts (HTTP, TCP, UDP, IP, DNS, BGP, VPN and other protocols)

WORK EXPERIENCE

Full-Stack Intern   **Tuutkia, San Jose, US**   **(Jun 2018 – Present)**

- Developed several React components to add functionalities to the like sending email, receiving email, composing email, deleting email, Drafts, Inbox and display them, differentiating between read, un-read email and pagination. Utilized Redux for state handling of the data.
- Built an authentication library for sign-up, login and reset password functionality by using Node.js, Bcrypt library for encryption and decryption of password and PostgresSQL for saving the whole authentication data.
- Created server to implement several libraries and establish data flow between database and UI using Rest-API
- Designed database in PostgresSQL to save all data, perform CRUD operations and access them efficiently.
- Worked on a mobile platform using React-Native and accessing all features for email page in web.
- Created a Content Delivery Network for hosting libraries on local server which improved the run time.
- Worked on libraries like express.js, bcrypt, nodemailer, mailgun, file systems, graphQL and RESTful API on server side.

PROJECT

Personal Planner (**Technologies**: React.js, Node.js)   **2018**
Developed an app to help user plan activities and provided features like To-do list, calendar and create pictures album.

Web – Real Time Communication (**Technologies**: Node.js, CSS, HTML)   **2017**
Created a client-server video chat & data transfer application on the browser side without any pre-installed application.

Meme Chat (**Technologies**: Node.js, jQuery)   **2017**
Developed a web application for real-time communication of memes, messages, voice clips to a user on different server.

Face Recognize Home Security Device (**Technologies**: AWS Recognize, Lambda, S3, DynamoDB, EC2   **2017**
Image is captured using Raspberry Pi & stored on cloud which is used to compare image against DB to authenticate user.

MORE FULL STACK PROJECTS (**Technologies**: React.js, Node.js, Mongo. dB, MySQL)
Worked on many fun personal projects and attached GitHub link to every project
Media Library, Scorecard application.

EDUCATION

MS in Electrical Engineering (networking), San Jose State University, CA**,** May - 2018
B.Tech. in Electronics and Communications Engineering, Gitam University, India, May – 2016