RAKHEE SINGH

SOFTWARE DEVELOPER

✉ singhrakhee90@gmail.com
🐙 https://github.com/rakhee06
🌐 https://rakhee06.github.io/portfolio/

📞 (646) 400 8600
in linkedin.com/in/rakhee-singh
📍 11 Stuyvesant Oval, NY 10009

SUMMARY

Self-Motivated and diligent Software Developer with 3+ years of experience with skills and interests in blockchain and Full-Stack development, aims to use my abilities to successfully seek to work in an environment that will challenge me further; while allowing me to contribute to the continued growth and success of the organization.

PROJECTS

CLOUD GADGET CONTAINER (Capstone Project)   Sept 2018 – Dec 2018

Technologies: React.js, Meteor.js, REST, Docker, AWS EC2, Mongo DB, Scrum, Jira

Developed a standalone cloud-based container using Meteor.js framework and React.js (front-end). The application allows rendering of internal and external gadgets and communication between them. The application also supports Admin and User agent roles. It followed a micro-services architecture and was created as a Proof of Concept for **Upstream Works**.

FORUM - BLOCKCHAIN BASED (Coursework)   Sep 2018 – Dec 2018

Technologies: React.js, Next.js, Solidity, Web3.js, React-Semantic UI, Metamask

This project was developed as a team of two for the course - Introduction to Blockchain. The application is a decentralized and incentivized Q&A Forum for UMASS Boston. It is a smart contract based on Ethereum written in solidity and deployed over Rinkeby network. It was developed to incentivize UMASS students to post questions and provide answers.

BETTING APPLICATION - BLOCKCHAIN BASED (Coursework)   Sep 2018 – Dec 2018

Technologies: React.js, Express.js, Solidity, Web3.js, React-Semantic UI, Metamask

Developed a decentralized betting application based on Solidity where several users can register to bet on a number. An Admin sets the range for betting, manages permissions, opens a round for betting and distributes the prize among winners.

SHORT LINK (Personal/hobby Project)   Oct 2018 – Dec 2018

Technologies: React.js, Meteor.js, SASS, Mongo DB, Node

Developed a website that converts long URL's into shortened id's similar to bit.ly. A user needs to create an account to access the website. On successful login, the application allows to add/maintain the URLs, creates a timestamp for the visited URLs, has a copy to clipboard feature and can hide-unhide the existing URLs using sessions.

YELPCAMP (Personal/hobby Project)   Aug 2018 – Oct 2018

Technologies: Express.js, Embedded.js, HTML, Bootstrap CSS, Mongo DB

Developed an E-commerce Campground website where a user needs to create an account to add their campgrounds to the website. Anyone without the login credentials can still view the campgrounds listed. Once logged in, the application allows user to perform CRUD (Create, Remove, Update and Delete) operations. The application supports MVC architecture where controller is optimized by RESTFUL routing while Embedded.js is used as view and Mongo DB as a model, making this application as SEO-friendly.

KICTSTART- BLOCKCHAIN BASED (Personal/hobby Project) Nov 2018 – Dec 2018

Technologies: React.js, Solidity, Web3.js, React-Semantic UI, Metamask

Developed a decentralized crowdfunding website. The application facilitates anyone who wants to start a Campaign and raise contributions. The Campaign manager can request vendors for the supplies. Users who contribute more than minimum contribution amount get added to the list of approvers and can then participate in voting for supplies.

EXPERIENCE

APPLICATIONS DEVELOPER - 2

Oracle Financial Services Software Ltd., Mumbai

Sept 2012 – July 2016

- Worked with the Sales Team to provide them with product support for demo
- Worked on the development of Direct Banking Software installer and improved its performance by 30% by adding database integration scripts for country specific banking requirements
- Automated CI process with ANT and PERL script thus increasing the reliability and decreasing the human dependency by 90%
- Developed UI's for Android and IOS devices and refined framework and presentation layer across all the devices
- Migrated product repositories from VSS to SVN and also introduced CI / CD process using Hudson, thus improving productivity of the team and improving the version control developer experience

SKILLS

Python	JavaScript	Java	Smart -
HTML	MongoDB	Linux	Contracts
Solidity	Ethereum		Agile

EDUCATION

MAJOR

Master's in Computer science
University of Massachusetts, Boston
Dec 2018   **GPA – 3.66**

CERTIFICATIONS

The Web Developer Bootcamp

Human-Computer Interaction

IBM Blockchain Essentials

IBM Blockchain Foundation Developer

LEADERSHIP

\# Co-founded Google Developers Group in June 2012

\# Acted as Technical Evangelist and helped organized various meet-ups, talks and seminars.

\# Worked as Outgoing Exchange Manager at AIESEC (world's largest non-profit organization)