RAKHEE SINGH

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SOFTWARE DEVELOPER

RESUME OBJECTIVE

Self-Motivated Web development professional with 3+ years of experience looking for programming work with ABC Company utilizing unmatched computer science abilities. Searching for a web developer position with ABC Company that prioritized graphical design and compatibility among.

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. It was hosted on a free tier of AWS EC2 instance while development. The application supports Admin and User agent role. An Admin manages user roles and permission and gadget layout configuration for a particular business unit while a user can access those layout and work with gadgets available. It followed a micro-service architecture and was created a Proof of Concept for **Upstream Works**.

FORUM (Coursework)   Sep 2018 – Dec 2018

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

This project is developed in a team of 2 people as final project for Intro. to Blockchain course-work. The application is a decentralized and incentivized Q&A Forum for UMASS Boston. As the application is based on Ethereum, one needs to have an Ethereum account and a web3 provider injected. It is developed to facilitated UMASS students to post questions on any topic of their choice. Every question carries a value and so anyone who answers, earns it. It is deployed on Rinkeby Test net. As UMASS currently does not have any forum, this application solves the problem. The application is still under development as more features are being added.

BETTING APPLICATION (Coursework)   Sep 2018 – Dec 2018

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

Developed a Betting application where several users can register themselves to bet. The application has two user roles, Admin and Players. An Admin sets the number range for betting and give rights to the players whom he/she wants to. It controls the start and ends the bet. Multiple users can login in and place the bet. The prize money is

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

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

Developed a link-shortner website. This website converts a huge URL into a small ID to have an easy access to it. 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 (Personal/hobby Project)   Nov 2018 – Dec 2018

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

Developed a decentralized crowdfunding website. The application facilitates anyone who wants to start a Campaign and raise contributions for their campaign. Campaign manager can request vendors for the supplies if needed. Users who contribute more than or equal to the amount set for the campaign, gets added to the list of approvers. Approvers can then approve/decline the managers request for the supplies by voting.

EXPERIENCE

SENIOR APPLICATION DEVELOPER

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 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	React	CSS
HTML	MongoDB	AWS	Agile
Solidity	Ethereum		

EDUCATION

MAJOR

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

CERTIFICATION #1
The Web Developer Bootcamp
CERTIFICATION #2
Human-Computer Interaction
CERTIFICATION #3
IBM Blockchain Essentials
CERTIFICATION #4
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)