Reshma Ghanta

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Summary

Passionate Full-stack software developer with 3+ years of hands-on experience in designing and developing highly scalable enterprise level web applications using a wide range of front-end and back-end skills like HTML, CSS, JavaScript, React.js, Node.js etc.,

Professional Experience

Full Stack Developer - Covert Alert, Indianapolis, IN   July 2018 - Present

E911 Live
- Responsible for researching the best compatible Mapping API and developing the system using HTML, CSS, React JS, Firebase .
- Responsible for writing the technical documentation using confluence and setup issues in JIRA.
- Developed reusable small components in React JS to avoid redundancy and increase efficiency.

911 Mapping System
- Responsible for developing a full-stack application using HTML, CSS, JavaScript, Express JS , Node.js and Firebase.
- Fetched the Amazon kinesis video streams from the back-end and displayed them in the front end for the end user .
- Used Google Maps API to custom build a mapping system. Used Firebase database to store and fetch real-time data.
- Responsible for architecting, designing and developing the critical components of the application, while participating in the entire Software Development Life Cycle using Agile methodology.
- Worked with JIRA the bug tracking system to track and maintain the history of issues on a daily basis. Extensively used GIT for version controlling.

Graduate Teaching Assistant - George Mason University, Fairfax, VA   Aug 2017 - May 2018
- Responsible for instructing a class of 60 students on How to solve problems using computer programming in Java.
- Checked assignments, proctored exams, and provided grades according to the university standards.
- Held weekly office hours to provide tutoring, counseling or assistance to the students.

Software Developer Intern - HCL Technologies, Hyderabad, India   May 2015 - July 2015
- Trained and practiced on core Java, JDBC, Servlets, HTML, CSS, JavaScript.
- Developed Intranet mailing project using Java programming language.
- Used JSP, HTML, CSS, Bootstrap on front end, servlets as front controllers and JavaScript for client side validations.Learned software engineering process improvements and best practices.
- Contributed to deployments by testing, debugging and resolving issues for optimal results.

Education

Master of Science - Information Systems   May 2018

George Mason University, Fairfax, VA

Bachelor of Technology - Computer Science   April 2016

Jawaharlal Nehru Technological University, India

Certifications

- Oracle certified associate, Java SE8 Programmer I

Technical Skills

Server-side	Node.js , Express.js, Java.
Client-side	Javascript, React JS, HTML, Bootstrap, CSS, Ajax, jQuery, EJS.
Database	Oracle, Firebase database, Firebase Storage, RDBMS, MySQL
Applications/Tools	Visual Studio Code, Eclipse, Postman, Jira, Confluence, Twilio.
Version Controls	GitHub, Bitbucket.
Others:	Google Maps API, Mapbox API, Firebase functions, Speech Synthesis API, Firebase hosting, REST APIs.

Academic Projects

Bitcoin and Blockchain - George Mason University, Fairfax, VA
- Achieved extensive research on the history, usage, benefits and working of bitcoin and Blockchains.
- Collaborated with a team of four and presented a paper on functionality of blockchain, role of bitcoin miners and networking issues on blockchains.