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HARUN ANNE

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aws CERTIFIED
Developer - Associate

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EDUCATION:

Masters of Science in Computer Science **(Expected) May 2019**
George Mason University, Fairfax, Virginia

Bachelor of Technology in Computer Science **May 2017**
Mahatma Gandhi Institute of Technology, Hyderabad, India

TECHNICAL SKILLS:

Programming languages: Java, Python, C.
Web Technologies: JavaScript, HTML5, CSS3, Bootstrap, ES6, AJAX, jQuery, Restful Services, WordPress.
Frameworks: ReactJS, Angular 7, Node.js, ExpressJS, AngularJS.
Database Technologies: Oracle 10g, MongoDB, MySQL, JSON.
Data Visualization Tools: Tableau, Excel, Microsoft Power BI.
Development Tools: Visual Studio, GIT, Eclipse, npm, Apache Tomcat 8.0, Cogent, Disciple, Brackets.

EXPERIENCE:

Graduate Teaching Assistant, George Mason University **May 2018 - Present**
- Organizing and running Java and Python lab sessions for undergraduate students.
- Identifying issues in student's assignments and guiding them in their areas of improvement.

Full-Stack Software Developer, ADP **Aug 2016 - Jul 2017**
- Worked on a project named IPM, which processes HR services to the existing clients of ADP for a trial period.
- Developed an entire chat functionality which includes creating web pages to capture the client's requirements and perform validations using ReactJS and Node.js.
- Reduced page load time to less than 2 seconds for 10+ websites, obtained search engine rankings and boosted the conversion rate by up to 37%.
- Performed manual testing for various test cases during the developmental phase of the product.
- Participated in the daily huddles and weekly team meetings.
- ReactJS, Node.js, MongoDB, HTML 5, CSS 3, JavaScript, RESTful APIs, MVC, Webpack, Mocha, Visual Studio.

Software Developer, Naaniz(naaniz.com) **Mar 2016 - Aug 2016**
- Created an e-commerce website for Naaniz with ReactJS and Java.
- Developed features and refined code, producing smoother operations and enhancing user engagement.
- Delivered engaging user experience through optimization of images, code, and cross-browser compatibility and thereby increasing Time on Page by 60+ seconds.
- Managed the Git repositories and reviewed the code.
- Java, ReactJS, HTML 5, CSS 3, JavaScript, Bootstrap, WordPress (Creta), Apache Tomcat 7.0, Visual Studio.

PROJECTS:

Web Application for CS department- George Mason University
- Developed a web application for Computer Science department that incorporates a student survey form to note the student reviews about the department. (Java, JavaScript, jQuery, HTML 5, CSS 3, AJAX, Bootstrap, Apache Tomcat)

Web Application for adding Remainders
- Developed a web application using MEAN stack for setting up reminders. Used node.js for providing RESTful API.
- Angular is used for frontend design and accessing the API. (MongoDB, ExpressJS, Angular 7, Node.js)

Web Application for Restaurant
- Developed a modern responsive food delivery website with an aesthetically pleasing UI design.
(HTML 5, CSS 3, JavaScript, Bootstrap, Angular 7, Google Maps API)

Linear Blend Skinning
- Implemented Linear Blend Skinning on a given structure using Laplacian and quadratic solvers.
- Divided skin into meshes and performed movement using captured handles on the skin mesh. Used SciPy's sparse matrices to get time efficient results. (Python - SciPy and NumPy modules, JavaScript, HTML 5, CSS 3)

Content Based Image Retrieval System
- Developed a content-based image search engine with an accuracy greater than 90%. It uses OpenCV library to read the image and NumPy module to generate statistical data. (Python - OpenCV and NumPy modules)

Real-Time Animation System
- Implemented motion capture data, forward kinematics, Quaternion and Euler angle representations, key-frame interpolation and inverse kinematics using Qt Creator development environment. (JavaScript, HTML 5, CSS 3)