Sakina Das

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Skill Set

JavaScript, jQuery, Ajax, SASS, SCSS, Html5/Css3, PHP 5.3, Joomla, Bootstrap, Node.js, Angular.js, Visual Studio, C#

Education

Master of Computer Science and Systems, University of Washington, Tacoma	**Grad :2017**
Bachelor of Information Technology, University of Pune, India	**Grad :2011**

Work Experience

Microsoft vendor Sonata-Software 2017 – Current   **Software Developer and Product Test Engineer**
  (Azure Cloud Services & Products)
- Design, code, and improve automation testing tasks for Azure Portal services at the integration, regression, and UI levels.
- Execute manual and scenario tests to find issues with functionality and customer experience.
- Analyze test results and update or create scripts as per requirement.
- Gained hands on development experience of the Azure portal services and applications like web apps, databases, virtual machines, virtual networks, storage, and Visual Studio team projects.

Swigel Corporation- 2017   **Software Engineer and Frontend Developer - Intern**
- Designed and developed a web application for managing investments through a single fund.
- Performed analysis over data to predict values for financial investment using machine learning algorithms.
- Developed the application with bootstrap, parallax scrolling and SVG animations for high quality user interface and developed a RESTful API using PHP and AJAX.

GDiz Solutions (India - 2012 – 2013) **& Holistech Solutions** (Washington, US - 2016)   **Software Engineer**
- Developed a Content Management System "Strikebase" to create and manage multiple projects.
- Developed websites and web applications for hotel management and online shopping sites like "Gold Coast Aruba", "Appnostic" and "Billionaire Couture".
- Restructured a nursery and fertilizer selling web application on Joomla to make it more user friendly, interactive and responsive.
- Successfully increased 45% user visits to the site post modifications.
- Performed cross browser testing and successfully styled applications to provide a smooth user experience over Chrome, Firefox, Safari, IE v6, v7, v8, v9 and v10.
- Conducted integration, regression, functional and white box testing for websites and content management application.

Projects

User profiling in Social Media - Machine Learning
- Designed a system to predict user personalities in Python using their social media information with the help of various Machine Learning Algorithms like Linear Regression, Naive Bayes, Decision tree, KNN.
- User's gender and age are predicted using like ids, images and by analyzing sentiments used in their text.
- Image analysis performed in Open CV 3 and using Oxford features.
  (**Technologies** used: Python 3.5.2, Tensor flow, Open CV 3.1)

Shopping website using Amazon Web Services - Cloud Virtualization Systems Engineering
- Developed a highly efficient and scalable website on amazon cloud.
- Database using Dynamo DB created to store product attributes.
- Implemented traffic routing using Amazon's Route53 – for Geo-routing of requests and for reliability and scalability of the website with failover options.
- Created a microservices API Gateway that used JSON to transfer requests and responses.
- Code deployed using Elastic Beanstalk. Multiple EC2 instances created for load balancing.
  (**Technologies** used: Java, JSON)