Sridhar Vadlamani

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WORK EXPERIENCE

Full Stack Developer, InteractiveX   **Sep 2016 – Jan 2017**
- Helped develop a platform for interactive learning. (https://classavo.com)
- Improved the interactive content editor.
- Deployed development servers and implemented methodologies to streamline development workflow.
- Worked on integrating the Discourse forums with the Classavo platform via SSO.
- Implemented an object-level permission system for Instructors and Teaching Assistants.
- Deployed REST web-services using the Django Rest Framework.
  Stack – Python, Django, HTML5, CSS, JS, Linux, Bash, Git Postgres

Software Developer Intern, Lumentum   **Jun 2016 - Aug 2016**
- Built an Android app which allows users to contact the nearest Lumentum Security team based on the user's location.
- Worked closely with the HR team to create an Android application which significantly improved the onboarding procedure for new employees.
- Built the back-end in NodeJS using Sails to create RESTful web services.
- Developed and deployed dashboards for managing the data for the android applications.
  Stack – Java, Android, HTML5, CSS, JS, NodeJS, Sails, Git, IIS, MySQL

Junior Software Developer, Agility   **Aug 2014 - July 2015**
- Developed the Agility Logistics Windows Phone App. (https://www.microsoft.com/en-in/store/p/agility/9nblggh0k3cx)
- Augmented the Hazard Identification Risk Assessment process by developing Take5. (https://apps.agility.com/TargetZero/Take5/)
- Worked on the analytics dashboard for WeSafe, an application to improve workplace safety. (https://apps.agility.com/targetzero/wesafe/)
- Developed the BBS application to improve workplace safety. (https://apps.agility.com/targetzero/bbs/)
- Also built the landing pages and dashboards for the above applications.
  Stack – C#, VB, IIS, Java, HTML5, CSS, JS, Cordova, XML, SOAP, SQL Server

EDUCATION

University at Buffalo, State University of New York, NY   **Aug 2015 - Feb 2017**
Master of Science in Computer Science, GPA: 3.2

Jawaharlal Nehru Technological University, India   **Sep 2010 - May 2014**
Bachelor of Technology in Computer Science, GPA: 3.5

ACADEMIC PROJECTS:

Neural Network to determine handwritten digits   **Jan 2016 - May 2016**
Implemented multilayer perceptron using Python's numpy library with feed forward and backward propagation in neural network to learn from 50000 images of hand written numbers and distinguish test set of 10000 images.

Multilingual Faceted Search System   **Aug 2015 - Dec 2015**
Built a multilingual search engine powered by Apache Solr. Performed performance analysis between Vector Space, BM25, language models with features such as content tagging, summarization and faceted search.

PERSONAL PROJECTS:

Cappr (New Era Hackathon, 3rd Place)   **Nov 2016**
An augmented reality and intelligent suggestion tool to facilitate the New Era customers' shopping experience leveraging the Microsoft Face, Computer Vision and Emotion APIs and using our own algorithms. (Python, Django, HTML, CSS, JS). Demo available at (https://doodla.me/cappr)

Steam Discounts (https://steamdiscounts.com)   **May 2012 - Oct 2014**
A full-fledged store which allowed users to purchase games from Steam at a significant discount. Used an automated bot to disburse games after a successful purchase. The store was active for 2 years and made a significant income.

TECHNICAL SKILLSET

Languages:	Python, JavaScript, Java, Ruby, C#, VB, SQL, XML, JSON, Bash
Frameworks:	Django, REST, Jquery, NodeJS, SOAP, Sails, .NET
Tools:	Git, Solr, IIS, IntelliJ, Visual Studio, Android Studio