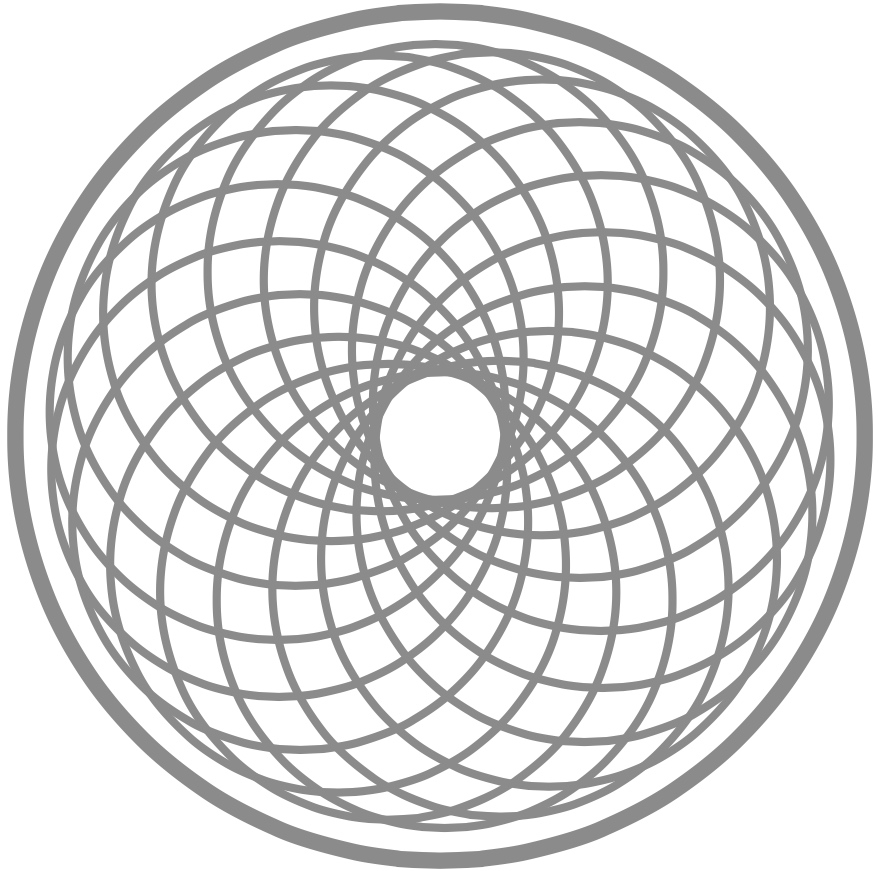
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| --- | --- | --- |
| **Srinivas garapati** [***https://about.me/srinivasgarapati***](https://about.me/srinivasgarapati) | Ph: 9494334343  [savinirs16@yahoo.com](mailto:savinirs16@yahoo.com)  https://github.com/savinirs16 https://www.linkedin.com/in/srinivas-garapati/ |  |

**Professional Experience**



Teaching & Learning Center, West Virginia University at Morgantown, January 2017 to December 2017  
**GRADUATE ASSISTANT**

* Hardware and software systems support for all computers in Allen Hall at WVU.
* Maintained the Teaching and learning center website.

Benjamin Statler College (Lcsee), West Virginia University at Morgantown, August 2016 to December 2016  
**UNDERGRADUATE TEACHING ASSISTANT**

* Held the CS110 lab sessions at WVU focused on Core Java.
* Grade the weekly assignments of the students.

Cognizant, HYDERABAD, India, December 2015 to June 2016  
**PROGRAMMER ANALYST TRAINEE**

* Developed an online bank portal for basic operations utilized in a banking system.
* Used **SOAP** web services to fetch data from multiple sources as per the specified requirements.
* Developed the back-end using **Servlets** and parts of the User Interface, while supervising a team of four as part of training to build a web application in **J2EE, JavaScript, MySQL, HTML/CSS.**

**Education**

**Master of Science in Computer Science, 2017**

*West Virginia University at Morgantown GPA:* ***3.81****/4.0*

**Bachelor of Engineering in Computer Engineering, 2015**

*Chaitanya Bharathi Institute of Technology at Hyderabad*  *Percentage:* ***78.2/100***

**Technical Skills**

* Programming Languages: **C**, C++, **Java, SQL**, Python, HTML/CSS, **JavaScript**
* Frameworks & OS: **Angular JS**, Angular 2, Bootstrap, SOAP, REST**,** MAC**,** Windows, Linux
* Databases: **MySQL**, MongoDB
* Data Analytics: **Numpy, Pandas, Seaborn**, Classical Machine Learning Algorithms
* Tools: **MySQL, Eclipse**, Bracket, Sublime, Pycharm, MongoDB Compass

**Projects**

**SECURING IMAGE USING ENCRYPTION AND DATABASE TECHNIQUES**, June 2014 to April 2015

* Implemented to **encrypt** and **decrypt** the sensitive images that are to be transferred over the network.
* Uses a Secret key for encryption as well as for decryption.
* Provides two-layer security by accepting two distinct keys for retrieving the image and decrypting the image.
* Developed using Platform independent language **Java** along with the **MySQL** Database for storing the images.

**HELPING CITIZENS TO TAKE ACTION FOR POLITICAL AND SOCIAL CAUSES**, August 2016 to December 2016

* The platform will allow people to indicate which issues they find most important in order to receive information about what purchases to make and actions to take.
* Will use social media data as well as public information from congress to make suggestions to citizens.
* Implemented using **Python** and **tweepy** libraries.
* Collected data based on **hashtags**.

**DIFFERENT FILE SYSTEMS STRUCTURE ANALYZER TOOL**, January 2017 to April 2017

* Developed a tool that would retrieve **MBR data** and the **partition table data**.
* This data can be used to recover lost file data.
* Implemented using **Java**.

**ONLINE HOTEL RESERVATION PORTAL**, January 2017 to June 2017

* Gathered Requirements from the client.
* Drafted the SRS, Functional Requirements, Architectural Style, Low level Design documents.
* Followed the Agile model for the project.
* Developed the back-end using **Servlets** and parts of the User Interface, while supervising a team of four as part of training to build a web application in **J2EE, JavaScript, MySQL, HTML/CSS**

**AUTOMATING THE ANALYSIS OF ONLINE UNDERGROUND MARKETS,** August 2017 to December 2017

* Analyze **Blackhatworld** and **Hackforums** threads to investigate the underground economy.
* Data analyzed based on the 1500 URLs collected from blackhatworld and Hack Forums
* Used **BeautifulSoup** to parse html.
* Used **Python rake-nltk** (Rapid Automatic Keyword Extraction - Natural Language Toolkit) Library for Post Title extraction.
* Identified Payment methods in images using **SIFT** (Scale-Invariant Feature Transform) features.

**WEATHER FORECAST APPLICATION**, February 2017 to MARCH 2017

* Web based single page application for weather forecast using **openweathermap** api.
* Developed using **Angular JS, HTML and Bootstrap**.

**WEB BASED BOOK STORE**, March 2018 to Current Date

* A web-based platform for a book store and currently working on it.
* **Angular 2** and **Spring** framework for the development.
* **Angular material** and **bootstrap** for the styling.
* Maven, Sublime, Eclipse and MySQL for development.

**Paper Published**

Got an opportunity to publish and present a paper on “Securing Image using Encryption and Database Techniques” in an International Conference on Information Security.

**Volunteer**

**Technical Head in Indian Student Organization at WVU.**

* Managed the Indian Student Organization website.
* Designed the flyers and promotional videos for ‘Tarang’, an event to celebrate Diwali.

**Student Officer at Association for Computing Machinery (ACM) at WVU as Webmaster.**

* Managed the ACM WVU website and designed flyers for ACM events.
* Held the industry related events at WVU and could gain the industry insights.

**Related Certifications**

* Udemy Python for Data science certification.
* MongoDb certification from Mongodb University.