

EDUCATION

Bannari Amman Institute of Technology, Sathyamangalam	2015 - 2019
B.Tech. Information Technology - Cumulative GPA: 8.76/10	
High School – Sri Vijay Vidyalaya – 96%	2013 - 2015
Secondary School – Sri Vijay Vidyalaya – 98.6%	2011 - 2013

EXPERIENCE

Software Developer, Intern	Odessa Technologies Inc	July 2018 - April 2019
<ul style="list-style-type: none">• Incorporated comprehensive features for LeaseWave, a lease and loan management system by refactoring the existing code for the interaction between Lease, Loan and Assets Module.• Backend Development for the Automation team, which included a suite of 120 configurable modules.• Migrated data across various modules and handled transactions via Web Services.• <u>Leveraged Knowledge</u> in Git via Team Foundation Server, C#, Dot NET, SQL Server, Agile Models (Scrum), and debugged using Microsoft Visual Studio.		

CERTIFICATIONS

• IBM Data Science Professional Certificate (Coursera).	June 2019
• Front-End Web Developer Nanodegree (Udacity).	December 2018

SKILLS

- Working Knowledge: C, Python, SQL Server, Git
- Basic Knowledge: JavaScript, HTML/CSS, C#, Pandas

PROJECTS

All projects available on GitHub: <https://www.github.com/Padhma>

- **ATM Location Finder (Capstone Project)**
 - Scraped from Wikipedia, used *FourSquare* Location API, *Geopy* from Python to obtain relevant datasets.
 - Developed a model to cluster neighborhoods in Bangalore to find best neighborhoods to open an ATM.
 - Visualized each neighborhood based on population density and frequency of most visited venues.
 - Utilized: Pandas, Numpy, BeautifulSoup, Geopy, KMeans, Matplotlib, Folium, Jupyter Notebook
- **SkillUp (Open Source Project)**
 - This application is a collaborative project made by Google India Udacity Scholars, which is hosted on GitHub.
 - Developed the front end of the application using *MERN* stack based on the wireframes.
 - Utilized: React, Redux, Bootstrap 4, MongoDB, Node.js, Ember.js, GitHub
- **ET Spider**
 - Developed a focused crawler using scrapy to crawl, extract and index the Economic Times Stock Market Data.
 - Used port forwarding techniques to handle *scrapy-splash* and dynamic JavaScript through Docker.
 - Utilized: Scrapy, Anaconda, Docker, Oracle VM VirtualBox, Scrapy-Splash
- **Neighborhood Map**
 - A single page web application built using the *React JS* framework to render locations using Google Maps API.
 - Details of each location is rendered using the *FourSquare API* while implementing a11y principles.
 - Utilized: React JS, Google Maps API, FourSquare Location API, ServiceWorker

ACHIEVEMENTS

- Selected among top 350 out of 10000 developers across India, for the Udacity Front-End Web Developer Nanodegree Scholarship by Google and got certified.
- Active Participation in DockerCon 2018 held in Altimetrik Private Limited, Bangalore.
- Secured Alagammal Charitable Trust Gold Medal in the year 2015 for best academic performance.
- Active participation as a speaker at TedXBitSathy and won the Best Idea award.