SANDHYA ANANTHAN

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Education

University of Florida (2022-2024)

Master of Science - MS, Computer Science

Vellore Institute of Technology (2017-2021)

Bachelor of Technology, Computer Science

Experience

Intern – *Symphonie (Seattle, WA)*   **Jul 2023 – Present (Ongoing)**

- Learnt Python Flask version 3.2 and Bulma (CSS extension), enhancing capabilities in web development.
- Contributed to 10% of the front end of main company website, implemented hamburger menu and improved structure of webpage.
- Executed Email Verification and forgot password setup, gaining insights into symphonies' backend and AWS configuration.

Software Developer *- Bank of America (Chennai, India)*   **Jun 2021 - Aug 2022 (1 year 3 months)**

- Acquired proficiency in diverse technologies including Java 8, Rule based System IBM ODM, Spring Batch, UNIX, GIT.
- Received a prestigious handshake award for innovative solutions, idea generation, and valuable support in debugging and testing projects. Managed and tested 20% of the code singlehandedly.
- Demonstrated leadership by developing rule architectures and templates, while actively assisting colleagues and efficiently managing over 20 task assignments in JIRA.

Intern - *Hoopers (Hyderabad, India)*   **Apr 2020 - Jun 2020 (3 months)**

- Developed and launched the main website and side website for the company, hoopersgroup.com, employing 20% front-end and 60% back-end development using HTML, Bootstrap, PHP, CSS, and MySQL.
- Collaborated with Google developers 2020 to ensure a successful website launch.
- Received commendations from the manager and members from the content writing team for creating a user-friendly website that effectively addressed 30 user queries and provided a seamless browsing experience.

Skills

Languages: Java (ODM, Rule based, Maven, Spring Batch), Python 3.14 (Flask, ML), C++, JavaScript (NodeJS, AngularJS), C , R , HTML, CSS (Bootstrap, Bulma), PHP, Git, Unix, SQL (MySQL, MongoDB, Sqlite)

Platforms: Eclipse, Visual Studio Code, GitHub, Jira, IntelliJ, Jupiter Notebook, AWS Framework, Google Cloud, Tableau, MATLAB

Technical Skills: Full Stack Web development, Android App development, Machine Learning, Deep Learning

Projects

- Application of Machine Learning Classifiers to Detect Fraudulent SMSs- Secure Chat Application Using AES and RSA (Python 3.1.2 and RSA) 2021
- Paper: Reviewer Ranking Method and Trust Model Based on Genuineness of their Reviews (Tableau 1.9) 2019
- Virtual Air Mapping using Image Processing-Inverted Pendulum using Artificial Intelligence (Python, Jupiter Notebook 3.2)

Licenses & Certifications

Interactivity with JavaScript - University of Michigan	Parallel Programming in Java - Rice University
Advanced Data Structures in Java - UC San Diego	AWS Fundamentals – Amazon web services
Analyze Datasets and Train ML Models using AutoML -DeepLearning.AI	Full-Stack Web Development – Meta
Neural Networks and Deep Learning -DeepLearning.AI	AWS Cloud Technical Essentials – Amazon