

PAVITRA SHIVANAND HIREMATH

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EDUCATION

University of Central Florida, Orlando
Master of Science - Computer Engineering

Aug 2016 – May 2018
GPA: 3.75/4.0

Sir M. Visvesvaraya Institute of Technology, Bangalore
Bachelor of Engineering - Electronics and Communication Engineering

Aug 2012 - June 2016
GPA: 3.8/4.0

TECHNICAL SKILLS

- **Programming and Scripting Languages:** JavaScript (AngularJS, VueJS, NodeJS, jQuery), Bootstrap, HTML5, CSS3, Python, PHP, JSON, XML, C, C++, Java.
- **Web services:** REST, AWS, XAMPP.
- **Database:** SQL, MongoDB, MySQL, POSTGRES SQL
- **Tools:** Git, Visual Studio Code, Android Studio, Atom, Jupyter, Sklearn, MySQL, MATLAB.
- **Operating Systems:** Windows (10, 8, 7, XP, Vista), Linux(Ubuntu).

PROFESSIONAL EXPERIENCE

Web Developer Intern at Medi-IoT at UX Lab, Orlando

Jan 2018 - Present

- Responsible for creating queries and stored procedures using POSTGRES SQL.
- Involved in creating and testing the test cases for both front end and backend.
- Involved in creation of the website using HTML, CSS and NodeJS. **Website:** www.bostechusa.com
- **Technologies:** NodeJS, JavaScript, jQuery, AJAX, HTML5, CSS3, PostgreSQL, pgAdmin4.

Web Developer Intern for STIR lab, Orlando

Dec 2017-Feb 2018

- Created website layout using the standard HTML/CSS and WordPress.
- Responsible for testing the entire website appearance using customized themes and plugins.
- **Website:** www.stirlab.org

UCF - Graduate Teaching Assistant: Database Concepts

Aug 2017 – May 2018

- Involved in grading the assignments and projects in SQL.
- Helped the students with the programming query doubts.
- **Technologies:** MySQL Workbench, MySQL.

TECHNICAL PROJECTS

Statusphere

- Developed web and mobile application project for a startup called Statusphere – a social network for influencers.
- Created and developed responsive front-end pages and also worked predominantly in the backend for integrating.
- **Technologies:** JavaScript, HTML5, CSS3, MongoDB, NodeJS, JSON, AJAX, Bootstrap, AWS.

Web Development – Login and Registration Page

- Created and designed Login/Registration pages and used MySQL database for backend to store data and authenticated it.
- **Technologies:** HTML5, CSS3, JavaScript, Bootstrap, JQuery, SQL, PHP.

To-Do List application

- Designed and developed To-Do list page that allows the user to create, update and delete list of tasks.
- **Technologies:** JavaScript, HTML5, CSS3.

Mobile Application Development (Ongoing)

- A Hybrid mobile application for Hindu Society of Minnesota (temple) for allowing online payment for services and events.
- **Technologies:** Ionic3 Framework, AngularJS, SQL server.

Scoreboard

- A mobile application, developed within Android Studio environment, which is used to monitor scores.
- **Technologies:** Java, XML.

Machine Learning Projects

- Implemented Classification and Regression algorithms, Artificial Neural Networks and K-Means Clustering from scratch using Python.
- **Technologies:** Python, Jupyter, Sklearn.