

SWETHA PAI

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EDUCATION

Boston University | Boston, MA

Expected May 2020

Master of Science in Computer Science, *GPA- 3.81/4.00*

Coursework: *Web Application Development, Server-Side Development, Software Design and Patterns, Advanced DBMS*

Ramaiah Institute of Technology | Bangalore, India

June 2017

Bachelor of Science in Information Science, *GPA - 8.80/10.00*

Coursework: *Data Structures, Algorithm Design, Object Oriented Programming*

WORK EXPERIENCE

Voda.ai | Boston, Massachusetts

May 2019 - Aug 2019

Full Stack Development Intern

- Revamped the UI of the company software using React, MongoDB, NodeJS, JavaScript and GIS software which reduced the time taken to build client applications by over 3 hours.
- Setup an AWS virtual machine and configured a server to host web applications for clients.
- Maintained services monitoring the company's website and applications.
- Coded backup scripts to ensure easy recovery of customer applications.

Shell India Markets Pvt. Ltd. | Bangalore, India

June 2017 - July 2018

Software Engineer – Java Developer for 'Trade & Supply' department

- Improved the accuracy of the 'Deal Mature' task, which is responsible for maturing all eligible trades in Endur, by over 15%.
- Automated the migration of configurations between Endur(Energy and Commodities Trading Software) environments to optimize performance by 40% and eliminate human errors.
- Enhanced the features of Deal GUI, an interface to book trades, leading to better user experience and easy capture of deals.
- Received recognition for contribution to tasks in all steps of the trade lifecycle and diligent maintenance of SVN operations.

Hexagon Global Pvt. Ltd. | Bangalore, India

Sep 2016 - Nov 2016

Software Engineer Intern

- Developed an Android based ticket booking system to search, filter and reserve movie tickets. Designed the front-end of the system using NativeScript and Angular 2.

SKILLS

Programming Skills: Java, C, C++, SQL, Python, R

Web Technologies: React, Angular, HTML, CSS, JavaScript, TypeScript, NodeJS, JQuery, PHP

Databases: Oracle, MySQL, MongoDB

Tools: AndroidStudio, Oracle 12c, RStudio, Endur, GitHub, Heroku

PROJECTS

• Chatbot for Smartwatch Data:

Fall 2019

Built a chatbot capable of textual conversation by pattern matching using Java, React, BotUI, Spring Boot, MongoDB and MySQL.

• Restaurant Finder:

Spring 2019

Built an application that allows users to search, categorize and rate restaurants around them using Angular, NodeJS and MongoDB.

• Task Management App:

Fall 2018

Designed and developed an android application for roommates to keep track of chores, make common grocery lists, maintain expenses and manage other tasks.