VARSHA THIRUMAKIL

varsht612@gmail.com

(207)-274-9978
https://github.com/junevarsha
htp://www.linkedin.com/in/varshathirumakil

WORK EXPERIENCE

Software Engineer, Blackhawk Network (Cashstar), Portland, ME *(May 2016 – May 2019)*
- Experienced in Full Stack development of **B2B and B2C** eCommerce digital gifting platforms.
- Created RESTful APIs in **Python/Django** to support service-based architecture.
- Developed single-page frontend experiences using **Backbone/jQuery**, **React** and **Redux.**
- Key member in the redesign of Cashstar's customer facing self-service application.
- Performed release deployments and production support for customer reported issues.

Software Development Intern, IDEXX Laboratories, Westbrook, ME *(Summer and Fall 2015)*
- Implemented platform independent features and internationalization for the IVLS application.
- Redesigned Idexx VetLab Application using jQuery, AngularJS and Bootstrap technologies.

TECHNICAL SKILLS

Languages	: Python, Java, JavaScript, C
Frameworks	: Django, Meteor JS, Express.js
Databases	: MySQL, MongoDB
OS	: Mac OS, Windows
Miscellaneous Technologies	: React, Redux, Webpack, Git, Sequel Pro

EDUCATION

Master of Science, Computer Science *(Dec 2016)*
University of New Hampshire, Durham
Core Courses: *Compiler Design, Assembly Language Programming, Computer Graphics, Database Systems*

Bachelor of Engineering, Computer Science **(***May 2014)*
Anna University , Chennai, India
Core Courses: *Data Structures, Computer Networks, Operating Systems, Object Oriented Analysis and Design*

PROJECTS

Smart Home Dashboard **(***Aug 2016 - Dec 2016)*
- Designed an IoT application that demonstrates real-time data communication by integrating ExpressJS REST API and Meteor framework. MongoDB is used for data exchange between two servers.
- Authenticated data publishing and message integrity are assured using JSON web tokens(JWT).

Compiler Design for JavaScript using Java **(***Jan 2016 - May 2016)*
- Developed a compiler that implements various features of JavaScript.
- Understood the programming language concepts by studying the behind the scene implementations.

Visitors counter application using Meteor JS and Mongo DB **(***Sept 2015 - Dec 2015)*
- Implemented the visitors counter application to demonstrate the persistent connection of Distributed Data Protocol and analyzed database functionalities using Robomongo GUI.

ACHIEVEMENTS/VOLUNTEER EXPERERIENCE
- Google Developers Group and Women Techmakers Lead.
- Organized Django Girls coding workshop at Cashstar.
- Prime Minister Scholarship for Professional Courses (2010-14), India.
- CEPS Scholarship for Graduate Studies (2014-2016), USA.