SWATHY JAYASEELAN

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OBJECTIVE

I am keen on landing a software developer role in a cutting edge team that provides me a fun, challenging environment for both personal and professional growth.

EDUCATION

MS in Software Engr., *California State University, Fullerton,* CGPA - **4.00**	*Jan 2018*
Full-Stack Web Developer Nanodegree, *Udacity*	*Sept 2017*
Front-End Web Developer Nanodegree, *Udacity*	*Jan 2017*
Bachelor of Tech. in EE**(Hons.)**, *SASTRA University, India,* CGPA - **9.65/10**	*May 2012*

TECHNICAL EXPERTISE

Programming Languages: JavaScript, Python, Java

Web Technologies: HTML, CSS, AngularJS, Angular, Node.js, Express, React, Knockout, Bootstrap, jQuery, SOAP/REST Web Services, JSON, TensorFlow.js, Ember, Flask, Django

Databases: MongoDB, PostgreSQL, SQLite

Software Life Cycle: Agile - Scrum, XP and Kanban, Waterfall model

Others: AWS, Git, Vagrant, Webpack, Grunt, npm, Bower, Jira, Selenium, Jasmine, Atom, Eclipse

PROFESSIONAL EXPERIENCE

Software Engineer - Volunteer, One Community Global,   **March '18 – Present**
- Developing a MEEN stack based SPA for resource management, time tracking and peer collaboration alongside a team of developers
- Responsible for building reporting and data analysis tools

Principal Technologies: Ember, Node.js, Express, MongoDB, Google Charts

Web Developer - Volunteer, SNAC-expo,   **March'18 -- Present**
- Re-architecting the SNAC website which is used to facilitate art competitions world-wide
- Currently interfacing with UI designer and developing prototypes

Principal Technologies: Wordpress

Project Manager - **Adam & Associates Inc.**,   **December '13 – April '15**
- Built an internal web portal to manage overseas customers
- Planned and organized project schedules and did assessment of project requirements
- Evaluated and negotiated budgets and timelines of projects with clients and managers

Principal Technologies: AngularJS, MongoDB, Scrum

Systems Engineer - Tata Consultancy Services Ltd.,   **July '12 – October '13**
- Deployed applications on WebLogic servers and integrated WebSSO into applications
- Maintained the authentication gateway of Deutsche bank's website
- Provided L2 support for analyzing and rectifying problems that arise in production

Principal Technologies: WebLogic, WebSSO, LDAP

ACADEMIC PROJECTS

Pay It Forward: (Hosted on Heroku & mLab)

A location based web app built on MEAN stack to connect volunteers with organizations and hospitals with blood donors. Uses Passport, Geolocation API, Geospatial query operators of MongoDB, Twilio API, Facebook API and Bootstrap

EasyBuy: (Hosted on Pythonanywhere)

An E-Commerce Website to buy books written in Python using Django with SQLite backend and integrated with Stripe for payment processing

Neighborhood Map:

A single-page web app built with Knockout JS. Users can search all landmarks and view information from Yelp (retrieved by AJAX request) about the selected landmark

Emotion Detector:

Deployed a deep learning model to train and infer emotions captured on a live webcam within the browser using deeplearn.js library. Also working on other deep learning deployment projects

Linux Server Configuration:

Developed a python module (content management system) to display catalog items written using Flask, integrated with OAuth and deployed on AWS server

Logs Analysis in PostgreSQL:

A python data analysis tool to explore PostgreSQL database with millions of rows and report the findings like the most viewed articles, popular authors etc. to aid business decisions

HONORS/AWARDS

- Received Dean's list scholarship in the undergraduate program