

Amaresh Bingumalla

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OBJECTIVE

Energetic and passionate master's student with experience in Full Stack development actively seeking for a summer internship starting May 2018.

EDUCATION

Masters - Computer Software Engineering	Aug 2017 – May 2019(Expected)
Arizona State University, Tempe, AZ	CGPA: 4.0/4.0
Bachelor of Engineering - Computer Science and Engineering	Aug 2011 - May 2015
Anna University, India	CGPA: 7.93/10.0

Course work: Advanced Data Structures, Web Apps and Mobile Systems, Design and Analysis of Algorithms, Object Oriented Programming Concepts.

SKILLS

Programming Languages	Java, C++, C, Python, Oracle, MySQL, NoSQL
Web Technologies	HTML, CSS, JavaScript, Typescript, jQuery, AJAX, NodeJS, Bootstrap, PHP, JSON, XML, REST
Frameworks	ExtJs, AngularJS, Angular2, ExpressJS, MongoDB, Chart.js, High charts
Others	AWS, Visual Studio, Eclipse, Android Studio, Git, Slack, Jira, SonarQube, Fortify, Jenkins

EXPERIENCE

UTO, Arizona State University

Web Developer **Oct 2017- Present**

- Currently working on **Sound Game** for fan engagement in ASU football stadium using **JavaScript** and **MQTT** protocol.

Verizon Wireless, India

Analyst – System Development **Feb 2017 – July 2017**

- Achieved a reduction of **1.2 sec/call** on a call launch in customer care application by working on API Optimization.
- Designed a **Service Tracker** that analyzes and gives statistics about the web services using ExtJs and Java.
- Designed and developed a web interface for Verizon testers following complete Agile Methodology using **Angular2, Mongo, Express** and **Node**.
- Revamped the existing application architecture to support the business level changes for **Verizon Unlimited**.

Verizon Wireless, India

Software Engineer **June 2015 – Jan 2017**

- Responsible for the development and maintenance of the Web App used by customer care representatives. Introduced many features that help the representatives to serve the customer efficiently.
- Developed a **Point of Sale** system with a team of 10. This is developed using HTML, CSS, JavaScript, jQuery, Java and MySQL.
- Automated the usage of **SonarQube** (a static code analyzer) by writing a batch script.
- Contributed to the **DevOps** Migration by introducing **Test Driven Development** to the team using **Jasmine.js**

PROJECTS

Class Availability Notification System (Python, Selenium, Twilio API) **Jan 2018**

- Developed a python bot that scrapes page and parses the class search web page.
- Parsed data is analyzed, and the user is notified via an SMS if the desired class gets any open seats.

Server Less E-Commerce Website (HTML, CSS, jQuery, NodeJS, AWS Lambda, API Gateway, DynamoDB) **Nov 2017**

- Built RESTful services using AWS Lambda and developed a complete server-less web app using AWS technologies.

Thread Safe - Web Proxy Server (Java) **Aug 2017**

- Implemented an LRU Cache and a thread pooling mechanism for web proxy server.

Expense Manager (Angular, HTML, Bootstrap, High charts, Node – Express and SQL) **July 2017**

- Developed a Single Page Web Application with micro services that shows graphical representation of personal expenses based on categories. This app uses high charts library to depict the statistics in bar and pie charts.

Chain Reaction (HTML, CSS, JavaScript, jQuery) **Mar 2017**

- Contributed to an open source project on GitHub for a dual player 2D game.
- This project uses canvas to draw shapes and JavaScript for gaming experience.

Aadhar Unite (Java, XML, Aadhar API, MySQL, HTML, CSS, JavaScript) **Oct 2016**

- Developed an Android and a web application that digitizes the medical reports and give doctors more insights about the patients. This was developed as part of the hackathon organized by Khosla Labs.

TeleME (Java, XML, SQLite) **Jan 2016**

- Developed an Android Application that supports features like scheduled messages, message toasts based on the user's geo location and incoming phone calls.