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

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.

SKILLS

Programming Languages	Java, C++, C, Python, Oracle, MySQL, NoSQL
Web Technologies	HTML, CSS, JavaScript, JQuery, AJAX, NodeJS, Bootstrap, PHP, JSON, XML, REST
Frameworks	ExtJs, AngularJS, Angular2, ExpressJs, MongoJs, Jasmine.js, Chart.js, Highcharts
Development Tools	Visual Studio, Eclipse, Android Studio, Git, Slack, Jira, SonarQube, Fortify, Jenkins

EXPERIENCE

CySiS Lab, Arizona State University
Student Developer   Oct 2017- Present
- Currently developing a test client for an API that lets users test their inputs and get JSON responses using **Angular.**

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.**

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

Expense Manager (Angular, HTML, Bootstrap, Highcharts, Node – Express and SQL)   **2017**
- Developed a web application that shows the graphical representation of personal expenses based on categories.
- This app uses highcharts library to depicts the data in bar and pie charts.

Chain Reaction (HTML, CSS, Javascript, JQuery)   **2017**
- Contributed to an open source project on github which is a dual player game.
- This project uses canvas to draw shapes and javascript for gaming experience.

Aadhar Unite (Java, XML, Aadhar API, MySql, HTML, CSS, JavaScript)   **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)   **2016**
- Developed an Android Application that supports features like scheduled messages, message toasts based on the user's geo location and incoming phone calls.

Time Based Sharing in the Cloud Environment (Java, Swing, Dropbox API)   **2015**
- Created a Java application that lets users share data/application in the cloud environment based on a time constraint.
- Developed a wrapper over Drop Box API that creates time as new constraint for sharing.

Internal Mark Assessment System (Java, Oracle)   **2015**
- Created a Java application that keeps track of marks of all the students in the department with an effective database (normalized tables) in the backend.
- Some main features are generating PDF and HTML Reports, marks statistics and data filters for better visualization.