ISHA CHOPDE

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SUMMARY

Ability to work in a dynamic environment with strong problem solving skills and data structures. Consistent in managing multiple tasks, strong desire to learn and adapt and to meet deadlines. Demonstrate active participation and creative troubleshooting and debugging skills.

EDUCATION

- Master of Science in Computer Science   California State University, Fullerton, CA   **Expected 2018** | GPA: 3.62
- Bachelor of Computer Science   Savitri Bai Phule Pune University, Pune, India   **JUNE 2016** | GPA: 3.8

TECHNICAL SKILLS

Languages: Java, J2EE, Python, C++, C, C#, PHP, Object Oriented Programming
Tools: IntelliJ, Eclipse, Sublime Text 3, Unity 3D, Visual Studio, Git, Agile, Scrum, JIRA
Frameworks: MVC Architecture, Node.js, Angular.js, Bootstrap, TypeScript, Amazon Web Services
Web Technologies: React, React Native, Redux, ES16, JavaScript, AngularJS, Angular2, NodeJS, Express, HTML, CSS3, jQuery, AJAX, Spring, Restful API, OAuth Features, Web Services (SOAP, JSON), Maven, WordPress(CRM), Responsive design, D3, Google APIs
Database and Clouds: Oracle SQL, PostgreSQL, MySQL, MongoDB, RDBMS, AWS
Operating Systems: PC/Windows, Mac OS, Linux

EXPERIENCE

Software Development, India   **GyroWebTech**   **2 Months**
- Involved in various stages of SDLC, Document Management and Workflow Solutions, Debugging.
- Working knowledge of HTML5, CSS, PHP, AJAX, JavaScript, NodeJS, jQuery. Implemented the backend RESTAPI and services using Servlets, JSON, Multi-tier Client Server, Oracle and MySQL.

ASI Student Recreation Center, CA   **California State University, Fullerton**   **May 2017- Present**
- Diagnosed issues inside of Fusion POS software, and established workarounds. Extracted data for reporting from Fusion POS software.Coordinated programming efforts from the professional staff to assure the offerings were organized on the website.
- Built and developed multitasking skills and time management skills balancing first job and school.

ROBOTICS Summer Training Program, **India**   **ARK TechnoSolutions**   **June 2013**
Involved making a robot controlled by a Remote Control Device.
- Navigated the machine with light sensors and sound sensors and made the system follow a color combination to understand the start and stop instructions without human intervention. Learned the working and construction of a Quad Copter Drone. Hardware and Software used: Arduino Board, sensors, motors, MATLAB.

PROJECTS

Profile Search App   Github
Developed a profile search app that looks a user to look for another user on GitHub using a username. Front-end developed using **HTML5, CSS3.** Backend uses **NodeJS, Angular2, TypeScript, GitHub APIs.** Deployed on Heroku web application server.

Jump-Up   Github
Developed a Fund Raiser Website that helps the startup companies to raise funds and search for collaborators for various projects. The project is made using **JavaScript**, **HTML5**, **CSS**, **Python Flask** framework and hosted on **Heroku**.

E-Learner System   Github
Developed an online system where instructors post lectures and students make notes. Front-end developed using **HTML5, CSS3, Bootstrap4, JavaScript, jQuery.** Backend uses **NodeJS, Express-handlebars, BcryptJS** and **passport APIs**. Database used is **MongoDB** and **mongoose**.

Table Reservation   Github
Developed a responsive web application for restaurant reservations. Allows viewing the physical location online. Front-end developed using **HTML5, CSS3, Bootstrap4, JavaScript, jQuery, AJAX**. **Servlets** and **JSP** formed the server-side communication and **Oracle 10g DB**. Performed white box testing using **JUnit**, black box testing using Automation Framework **Selenium Web Drivers** and static testing using **PMD.**

Data Mining: Music Genre Classification
Designed a desktop system which can be used to classify songs into their specific genre by implementing different machine learning algorithms. Execute neural network and feature extraction method on MATLAB to generate confused matrices and compared the results.

LEADERSHIP

- **PR Director, Network Engineering Club, CA, 2016** Administering and organizing various workshops and events.
- **Student Volunteer, IEEE**, **India**, **2014** Guiding and lecturing urban and rural school students on internet and Wi-Fi.