Ankita Pise

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TECHNICAL SKILLS

Technologies: Java, JavaScript, AngularJs, Angular 5, HTML, CSS, Bootstrap, jQuery, Node.js, JSP, MySQL, MEAN Stack, MVC, C++, Ruby on Rails, Ionic framework, Cordova
Tools: Git, Eclipse, Maven, SVN, Grunt, Gulp, npm, NetBeans, RubyMine, RStudio, Wireshark, Photoshop
Networking Technologies: OpenFlow, OVS, GENI, TCP/IP   **Platforms:** Windows OS, Mac OS x, Linux (Ubuntu 14.04)

EXPERIENCE

IBM, San Jose – Software Engineer   **September 2016 – Present**
As a part of the Watson Health Imaging Team (April 2017 - Present) -
- Designing, developing and testing code for a web-based medical image annotation application using full stack development technologies such as HTML/CSS, JavaScript, AngularJs and Java.
- Actively involved in all the major releases of the product in 2017 and 2018.
- Worked as one of the lead developers in a UI/UX improvement undertaking that was carried out to redesign the entire look and feel of the application for a better user experience.
- Actively involved in the migration of the application front-end from AngularJs to Angular 5 which will result in having a more robust application.
- Working efficiently with the entire team using agile methodologies to meet all the business requirements, deadlines and better manage resources to produce a successful product.

As a part of the Medical Sieve Research Team (September 2016 - March 2017) -
- Developed tools and utilities using Java EE that are being used by researchers to better organize and prepare data for machine learning algorithms.
- Designed and developed new features for the web-based medical image annotation application being developed by the Medical Sieve Team. This involved all stages of software development from requirement analysis to testing.
- Worked alongside researchers to design workflows and pipelines that are better suited for productization of research products from a software product development point of view.

Pluma, Inc. – Frontend Engineer   **July 2016 – September 2016**
- Developed and tested the Pluma mobile application using Ionic Framework (AngularJs), JavaScript and Cordova for front-end development for their executive coaching platform.
- Analysed user requirements for the new mobile application for Pluma.
- Designed the UI/UX and created low and high-fidelity prototypes for the mobile application.
- Worked with the backend engineer to integrate backend API's with the front-end to produce an efficient product.

Docurep, LLC - Software Developer Co-op   **January 2016 - March 2016**
- Designed and developed new features for Docurep's web-based vendor credentialing application using full stack technologies such as HTML/CSS, JavaScript, jQuery and Java.
- Designed and developed a UI styleguide that detailed various styles, UI components and guidelines for developing UI suitable for vendor-based healthcare applications like Docurep. The styleguide focused on having a clean, usable and responsive UI that can be used easily by non-technical clients with a good user experience.
- Using the styleguide as reference, revamped and upgraded the front-end and UI design for Docurep's vendor credentialing application.

PROJECTS (GitHub: https://github.com/aapise)

My MovieFinder – Mobile application to search for movies and their details   **June 2016**
- Designed and developed a hybrid mobile application using Ionic Framework, AngularJS and the OMDB API. The app helps users search for movies and look up the movie details.

StoryMaps – Mobile application for curated and dedicated map trails   **February - April 2016**
Link to App Store: https://play.google.com/store/apps/details?id=com.ionicframework.storymaps565921

- Developed a hybrid mobile application using Ionic Framework and AngularJS for front-end and Express framework with Node.js for the back-end development.
- The application contains curated map trails or "Stories" based on certain themes that the user can use to explore the area around. The data is stored on a MongoDb server using AWS and new stories can be added using a website built for the purpose.

StudyBuddy – A web based application for collaborative reading   **October - November 2015**

- Designed and developed the UI of a web application for collaborative digital reading in groups. Features include forming groups, uploading documents, adding annotations such as highlights, bookmarks, comments and viewing other users' annotations.

Library Management System   **September - October 2015**

- Developed a web based university library management system using HTML and JSP for front-end and MySQL for back end.

Infographics toolkit for SAS software   **February - April 2015**

- Designed and built a prototype for an infographics toolkit for SAS. This toolkit provides tools to build infographics and storylines for data reports built using the SAS software.
- UI and UX for the toolkit were designed using Balsamiq wireframes and the prototype was built using HTML, JavaScript and jQuery.

Mozilla Open Source Project– Expanding the Web Developer Tools   **October - December 2014**

- Worked on the Mozilla Research project Servo, it involved expanding the coverage of the remote web developer tools on the Servo browser engine using Rust programming language.

DireWolf Job Portal using Ruby on Rails   **August - September 2014**

EDUCATION

Master of Science (Computer Science)   **Graduated: May 2016**
North Carolina State University   GPA: 3.53
Bachelor of Engineering (Information Technology)   **Graduated: May 2014**
University of Mumbai   GPA: 3.85

GRADUATE COURSEWORK

Algorithms, Object Oriented Design and Development, Internet Protocols, Network Security, Operating Systems, DBMS, Automated Learning and Data Analysis, User Experience, Human Computer Interaction, Visual Interfaces for Mobile Development.