

Education

Master's in Computer Science, California State Polytechnic University, Pomona, California
Bachelor's in Computer Science & Engineering, DRK Institute of Sci & Tech, Hyderabad, India

Sep 2016-Jun 2018
Aug 2011-Jun 2015

Work Experience

Freelance Web Developer, *Vision Engineering Academy*, Hyderabad, India

Apr 2015-Jun 2015

Technologies Used: PHP, HTML, CSS, LAMP server, JavaScript, Adobe Photoshop.

Archived Site Link: <http://web.archive.org/web/20150618014223/http://www.beclasses.com:80/>

Designed the initial website prototypes in Photoshop and collected client feedback. Built a fully functioning website of the prototype going from PSD to HTML & CSS. Managed domain registration, hosting, and deployment to a Linux VPS server. Integrated a download section using PHP script. Created business listings on various platforms and promoted on social media.

Front End Developer, *DRK Institute of Science and Technology*, Hyderabad, India

Jan 2014-Mar 2014

Developed an interactive and creative landing page design for the tech festival using HTML, CSS, and JavaScript. Designed prototypes in Adobe Photoshop. Sliced the PSD and developed a fully functional static website. Made use of CSS animations to animate various components of the design. Used Skrollr.js JavaScript library to create a parallax effect and animated the slide in components of the design. Created a countdown clock for the event in JavaScript.

Skills

Languages	Java (Proficient), C++, Python, PHP
Web Development	HTML 5, CSS 3, JavaScript, React Js, Redux, Node JS, Spring Boot, Loopback, Angular JS, Bootstrap 4, ES6
Machine Learning	Keras, TensorFlow
SW Tools/OS	Eclipse, GitHub, AWS, Heroku, Jenkins, JIRA, SVN, Ubuntu, Windows, Visual Studio Code, Agile
Database	MySQL, Mongo DB, SQL
Mobile Development	Native Android

Projects

ShareMyWorks <https://sharemyworks.com>

2018

Technologies Used: ES6, Babel, React Js, Redux, Mongo DB, Loopback, HTML, CSS, Heroku, Git

A React Js, Loopback, and Node based web app to help school kids proudly showcase their programming projects. It is currently in being tested by teaching programs in Cal Poly that teach programming to school kids. Worked with a team of 4 including Dr. Yu Sun as project coordinator. Responsibilities included coordinating with the backend developer and implementing the frontend in React Js following a component-based approach. Implemented role-based views using react router and redux. Responsible for UI & UX of the app by maintaining consistency and providing a visual user feedback.

Movie Ratings Prediction

2017

Technologies Used: Python, Apache Spark

A machine learning model that predicts a user's movie ratings and provides highly rated movies as recommendations. Implemented collaborative filtering by using the 'Alternating Least Squares' algorithm for generating ratings for movies based on user's initial ratings and retrieved the top 10 movies as recommendations.

Facial Expression Recognition <https://github.com/PavanSoundara/Facial-expression-recognition>

2017

Technologies Used: Python, TensorFlow, Keras

Built a CNN model for recognizing facial expressions in the fer2013 data. Placed among top 10 in the Kaggle competition conducted as part of the Machine Learning class with an average accuracy of 77%.

Intelligent Helpdesk <https://github.com/teamvaps/Intelligent-Help-Desk>

2016

Technologies Used: Java Spring Boot, Angular Js, MySQL, HTML, CSS, AWS, Jenkins, Junit

A web app that focuses on efficiently solving customer issues submitted in the form of a ticket. Built a help desk where a user/client can create a ticket with his issue and submit it. An agent or admin will be able to see all the tickets that have been created by the user.

Miscellaneous Activities

- Designed flyer for Delta Sigma Pi fraternity's recruitment week on campus. ([view](#))
- Made a custom landing page for a team project. ([view](#))
- Designed posters and invitation card for 'Make Them Smile' non-profit organization in India. ([view](#))
- Built an online forum (Not live anymore) and made a custom PHPBB theme for the board. ([view](#))
- Won college level cricket tournament in 2013.