

Pavan Soundara

<http://pavansoundara.com>

+1 657-445-8902 | pavansoundara@gmail.com

EDUCATION

CAL POLY POMONA

M.S IN COMPUTER SCIENCE

June 2018 | Pomona, CA

DRK INSTITUTE OF SCIENCE & TECHNOLOGY

B.TECH IN COMPUTER SCIENCE
& ENGINEERING

June 2015 | Hyderabad, IND

LINKS

Github:// [pavansoundara](#)

LinkedIn:// [pavansoundara](#)

SKILLS

PROGRAMMING

Over 5000 lines:

Java • JavaScript • HTML & CSS

Over 1000 lines:

Python • PHP • C++

Familiar:

Android • SQL • Shell • Git

Node.JS • React • AngularJS

Bootstrap • Spring Boot • Sass

Loopback • Jest

Tools:

Visual Studio Code • AWS •

Adobe Photoshop • Adobe XD

Heroku

COURSEWORK

GRADUATE

Advanced Software Engineering

Advanced Algorithm Design

Machine Learning

Large Scale Graph Processing

Parallel & Distributed Algorithms

Computer Vision

Scheduling Algorithms

UNDERGRADUATE

Operating Systems

Artificial Intelligence

Software Engineering

Object Oriented Programming

Linux Programming

EXTRA CURRICULARS

• District level cricket player.

• Won college level cricket
tournament in 2013.

• Ridden multiple 600kms+
motorcycle rides across South India.

EXPERIENCE

VISION ENGINEERING ACADEMY | APR 2015 - JUN 2015

Freelance Web Developer | Hyderabad, IND | <http://beclases.com>

- Designed the 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.
- Integrated a download section using PHP script.
- Created business listings on various platforms and promoted on social media.

DRK INSTITUTE OF SCI & TECH | JAN 2014 - MAR 2014

Front End Developer | Hyderabad, IND | <http://pavansoundara.com/lp.jpg>

- Built an interactive and creative landing page design for the tech festival.
- Made use of CSS3 animations to animate various components of the design.
- Used Skrollr.js library to create a parallax effect and slide in components of the design.
- Created a countdown clock for the event in JavaScript.

PROJECTS

SHAREMYWORKS | MAR 2018 - MAY 2018

<https://sharemyworks.com>

A React and Loopback 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.
- Was responsible for UI & UX of the app by maintaining consistency and providing a visual user feedback.

MOVIE RATINGS PREDICTION | MAR 2017 - JUN 2017

A machine learning model that predicts a user's movie ratings and provides highly rated movies as recommendations. Primarily used "Alternating Least Squares" algorithm for generating ratings.

FACIAL EXPRESSION RECOGNITION | APR 2017

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

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

INTELLIGENT HELPDESK | DEC 2016 - FEB 2017

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

A web app based on Spring Boot, AngularJS, and MySQL that focuses on efficiently solving customer issues submitted in the form of a ticket.

MISC ACTIVITIES

2018 Designed flyer for Delta Sigma Pi fraternity's recruitment week on campus. ([View](#))

2016 Made a custom landing page for a team project. ([View](#))

2015 Designed posters and invitation card for "Make Them Smile" non-profit organization in India. ([View](#))

2014 Built an online forum (Not live anymore) and made a custom PHPBB theme for the board. ([View](#))