

Career Objective

To pursue graduate studies in Computer Science and Engineering, leading to a career in research. I am interested in Machine Learning.

Education**SCHOLASTIC
ACHIEVEMENTS**

- **Undergraduate Studies**
 - B. Tech in Computer Engineering at IIITD&M Kancheepuram (an Institute of National Importance declared by Govt. of India)
 - CGPA: 9.09/10 (at the end of 4th semester)
- **Higher Secondary Education**
 - Percentage: 96.2%, Marks: 962/1000
 - Mathematics : 99.34% ,Physics: 95%, Chemistry: 98.34%
- **Secondary Education**
 - Percentage: 91.5% Marks: 549/600
 - 100% in Mathematics, 96% in Science, 94% in Social
- Ranked in the top 2 percentile in AIEEE-2012, one of the biggest competitive examinations in India.
- Awarded with **Merit Scholarship** in IIITD&M Kancheepuram.

Projects**Devanagari Font Tool Development**

May-July, 2014

The project involved developing a web based font tool to access Devanagari fonts online. Students and developers can use this tool to speed up their work in Devanagari fonts. All the resources are consolidated and put in the database. Ease of access and user interactivity were given the highest priority while designing and developing.

www.dsquare.in/devft

Under Prof. Girish Dalvi , IIT Bombay

Students Portal, IIITD&M Kancheepuram

Current Project

I am a part of a six member team which is designing (UML) and developing the Students Portal for IIITD&M Kancheepuram. The students portal has features like posts, polls, threads, profile pages, events etc. The entire website is agile and interactive. The website is currently being developed using ruby on rails framework.

Web Operations Team Project

Web Accessibility Guidelines

July-December 2013

The project involved developing a framework and suggesting guidelines that when followed makes the website accessible by the visually impaired users (both partial and complete) without affecting the normal user's accessibility. This was a part of Human Computer Interaction Course.

Under Prof. B. SivaSelvan, IIITD&M Kancheepuram

It is an account management application which I designed (UML) and implemented (PHP and MySQL) to manage day to day accounts.

Individual Project

Designed (UML) and implemented (PHP and MySQL) the cart with emphasis on user interface.

Individual Project

Technical Skills

LANGUAGES

- Programming Languages: C, C++, Java, Verilog HDL, Assembly Language
- Scripting Languages: Python, Ruby, Perl

SOFTWARES & TECHNOLOGIES

- Platforms: Windows, Linux
- Web Technologies: HTML, PHP/MySQL, CSS, JavaScript
- Software-Tools: Auto-CAD, Latex, Microsoft Office, Cadence Virtuoso, MATLAB, Eclipse
- Design-Tools: Adobe Photoshop, After Effects, Premier Pro, Cinema 4D

Extra-Curricular Activities

- Actively participated in various online programming contests in various techno-management fests of various institutes.
- Participated in events like Engi-Nerd and others in Samgatha, an annual techno-cultural festival of IIITD&M Kancheepuram.

Positions of Responsibility

- Campus Ambassador for Microsoft Club, NIT Rourkela. 2013-2014
- Working as a web developer coordinator for IIITD&M Kancheepuram (www.iiitdm.ac.in) and Samgatha (www.samgatha.org)
- Worked as a coordinator for Zerone Club, an official coding club of IIITD&M Kancheepuram.

Relevant Coursework

Theory & Systems

Data Structures and Algorithms ~, Computer Organisation ~, Compiler Design, Human Computer Interaction, Programming Languages ~, Object Oriented Programming, Safety Critical Systems, Discrete Mathematical Structures, Computer Networks ~, Operating Systems ~, Software Engineering *~, Computer Architecture *~.

Others

Probability Theory and Statistics, Linear Algebra, Calculus.

* Indicates Courses on-going

~ Indicates course had a Laboratory component as well