



EDUCATION

UNIVERSITY OF CALIFORNIA SAN DIEGO

BS in Computer Science - Mathematics
Expected June 2019

RELEVANT COURSEWORK

UNDERGRADUATE

Software Engineering Principles
Advanced Data Structures
Discrete Mathematics
Combinatorics
Design and Analysis of Algorithms
Data structures and Object oriented design
Theory of Computation
Computer Organization and Systems
Programming
Introduction to Programming with Java

HIGH SCHOOL, CBSE

Object oriented programming (C++)
Relational databases (SQL)
Basic Data Structures

MENTIONS AND AWARDS

TIMES OF INDIA

<https://avb7.github.io/assets/content/TOI.jpg>
Mentioned in the Times of India newspaper
for web and app development

ACADEMIC EXCELLENCE IN COMPUTER SCIENCE

High School, Step by Step Noida,
India

SKILLS

PROGRAMMING LANGUAGES

C++, C, C#, JavaScript

OTHER

.NET, Xamarin, Linux, UNIX, HTML, CSS, XAML,
REST, Git, Azure, Sketch, Invision

WORK EXPERIENCE

FAYVORS | Co-Founder, Software and Solutions Architect Services Marketplace Technology

June 2017 - Current

- Architected an end-to-end solution (Use cases, System Requirements, Technologies Required, Research and Development) to build an efficient services marketplace technology.
- Designed the entire product experience to meet the proposed solution.
- Engineered the front-end including the Views and the View Models
- Technologies Used: Xamarin, C#, .NET Components, HTML, CSS, JavaScript, Bootstrap, ASP.NET, MySQL, Azure App Services, MVVM Design pattern

DUXLINK HEALTH | Front-end Engineer (Freelancer)

November 2017 - January 2018

- Implemented the front-end requirements of Duxlink's health-care platform, engineered the Views and their Controllers
- Coordinated the engineering work remotely
- Technologies Used: Xamarin.Forms, C#, .NET Components

SYSTEMS USA | Software and Solutions Engineering Intern

Summer 2016

- Architected a Desktop application for the company's in-house management requirements.
- Designed the product's entire experience to meet the proposed solution.
- Engineered the Front-end (Views and the ViewModel) of the application using Xamarin Forms
- Coordinated the management team to assess their requirements to architect the product.
- Technologies Used: Xamarin.Forms, C#, .NET Components

UC SAN DIEGO BOOKSTORE | Front-end Engineer

January 2016 - March 2016

- Engineered various requirements for the front-end of UCSD Bookstore's online storefront.
- Technologies Used: HTML, CSS, JavaScript, Bootstrap, ASP.NET

SIDE-PROJECTS

TWITTER SENTIMENT ANALYZER | Amazon Alexa Skill

SD Hacks 2017

- Built an Alexa skill that analyzes sentiments about a topic on Twitter
- Architected the use cases, system requirements and the skill's interaction experience
- Implemented Natural Language Processing methods using Text-Blob, used the Twitter API to scrape Tweets around a topic, and built the Alexa skill using Flask-Ask and Python.
- Technologies Used: Python, Flask, Flask-Ask, TextBlob, and Twitter API

SYNAPSE | Peer-to-peer Web Hosting Platform

SD Hacks 2017

- Engineered a web platform that allows hosting websites on a complete server-less backend. The platform allows a user to simply drag their HTML front-end onto the app and uploads it to a peer-to-peer network using on the Web-torrents platform.
- Architected the use cases, system requirements and the product experience.
- Engineered the front-end using HTML, CSS, Javascript
- Coordinated the entire engineering process with my Hackathon team.
- Technologies Used: Web-Torrents API, HTML, CSS, and Javascript

THE FOOTBALL CHRONICLE | Online Soccer Magazine

SD Hacks 2017

- Implemented Wordpress and designed an in-house theme to meet the product experience requirements and lead a team of 20 people to produce high-quality content on Soccer.