

Education

MEng Computer Science

September 2015 - July 2019

Completed Year 1 with a 2:1

University of Bristol - Bristol, United Kingdom

High School Examination

June 2013 - May 2015

Distinction (90%)

Indian School Certificate (ISC)

Jamnabai Narsee School - Mumbai, India

Projects

Kukatune

Worked on a music request app for a client, in a team of 6 as part of the Software Product Engineering unit. Made use of React, Redux, Webpack, GraphQL and ExpressJS while working on the project. The app involved common social media aspects such as a feed along with more specific features such as finding events based on proximity.

My particular focus was on the front end involving React where I implemented the animations for the app and other visual details. I also implemented offline functionality using service workers, with the potential of push notifications.

Recycling Android App

Won the prize for Best Environmental Impact at the 24 Hour Boeing and Computer Science Society Bristol Hackathon in a team of five. Was responsible for designing the app and handling API requests in the app.

Scotland Yard Game Project

A two member team worked on a project using Java that involved creation of the model of the Scotland Yard board game to complete the provided MVC framework and yield a playable version of the game.

The second part of the project was to design an AI system to play the game and so we employed the Monte Carlo algorithm to pick the best move from the game tree. Additionally I used ThreadPools and other classes from the Concurrent package to improve performance along with heuristically scoring each board.

Bettering Magazine Website

Created the website of Bettering Magazine, a non-profit magazine based in Bristol which helps local charities.

Involvements

DigiMakers Bristol

October 2015 - present

Conducts workshops for children aged 7 – 17 where they are given an introduction on creating websites using Bootstrap

Manor JCR Committee

May 2016 - April 2018

Served as President and International Representative on the committee that handles the social and recreational activities of around 300 undergraduate residents of Manor Hall in Bristol.

Volunteer at Anant Vikas - Mind Genius Trust Initiative

June 2014 - January 2014

Student volunteer at Anant Vikas who along with United Nation Volunteers addresses challenges of extreme poverty and rural development in India

Training

M101JS: MongoDB for Node.js developers

MongoDB University

Ruby on Rails: An Introduction

Johns Hopkins University (Coursera)

Introduction to R

Microsoft (edX)

Skills

Proficient: JavaScript, Java, C, HTML & CSS (Sass), MongoDB, Git

Familiar: Python, Haskell, R, Ruby, SQL

SDK and Libraries: React, Android, Express, Mocha/Chai