SATYAVRAT SHARMA

Course : M.Sc. (Hons.), Mathematics and B.E. (Hons.), Computer Science, 2021 Email :f2016322@pilani.bits-pilani.ac.in Mobile :8178432783



Subjects / Electives	Database Management Systems, Discrete Mathematics, Object Oriented Programmming, Computer Programming, Graphs and Networks, Data Structures and Algorithms, Operating Systems
Technical Proficiency	React.js, Socket.io, JavaScript, Leaflet, MongoDB, Web Scraping, C++, Python, Express.js, Node.js, Git

SUMMER INTERNSHIP / WORK EXPERIENCE

IDC Intern, Microsoft India

- Worked for Sales & Marketing Organization under the project titled "Model Driven Sales Planning"
- Created an end-to-end Web Application using ASP.NET CORE, ReactJS, Azure SQL.
- Application Design, Test-Driven Development, Dynamic User Experience, CI/CD, Secret Management.

Intern, Metarain Distributors

- Analyzed Average Order Value, Customer Bucket Pattern and Visualized Transition Probability among Segregated customers
- · Converted large order data of users to simpler user drop off and order pattern information to facilitate efficient analysis
- Developed webapp to upload CSV files and visualized order coordinates from source to destination for preliminary analysis

WORK EXPERIENCE

Software Development, BOSM'18, BITS Pilani's Sports Fest Software

- Contributed to development of website that eased registration, verification, bill payment and accommodation of participants.
- Implemented SEO and Pagespeed optimization which helped website to gain 6.6k hits in 2 months and 99/100 by Google Page Insights
- Highlights: AJAX integration, Sockets, CSV/Excel generation, Google Recaptcha, Materialize CSS, Caching, Email Automation

Frontend Web Development, Coding Club

- Lectured a two-day workshop on Basics of Front-end Web Development which had a footfall of around 100 students.
- Developed various live-quizzing websites (similar to games like Psych and Loco) each of which saw around 300 participants.

Toy Compiler

- Developed a compiler for toy language ERPLAG as a part of Compiler Construction course in BITS Pilani.
- Both front end and back end modules including lexer, parser, semantic analyser and code generator were implemented in C.

Open Source Contributor

- Active contributor of non-profit-community CCExtractor that aims to take a recording from any TV show & generate subtitle file
- Contributed to 'CCR' repository which displays closed captions extracted from software to website in real time.

COMPETITIONS

Code.Fun.Do. 2018

- Individually made 'Connect Web App' which aims at connecting Lecturer with Attendees during a Lecture, in real-time
- Technology stack used: Node.js, MongoDB, Express.js, Socket.io, Passport.js, Materialize.css

POSITION OF RESPONSIBILITY

Founding Member - DaanCorona.Tech

- It aims at digitizing local businesses and marketplace, creating a trusted environment between customers and sellers.
- More than Rs. 50,000 were collected for small businesses in Pilani Town during the lockdown.
- Led Technical Team through ideation, design and development of the website and android application.

Web Development Team Lead - Coding Club, BITS Pilani

Accepted for Google Summer Of Code'18 | Google Merit-Cum-Need Scholarship | BITS PILANI

- Led team of Web Developers in club, guided new comers, inculcated good coding practices and use of version control in projects
- Diversified Backend team with introduction of Node.js in addition to conventional Django development

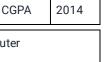
Apr	2018
Oct	2017

CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Neural Networks and Deep Learning	Coursera	Online Course
Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization	Coursera	Online Course

May 2018 - Jul 2018

May 2020 - Jul 2020

Feb, 2018







COURSE

CLASS X

Mar 2020 - Present

Apr 2018 - Apr 2019