
WORK EXPERIENCE

Software Engineer

Intern

DreamSol TeleSolutions

Summer 2018

- Worked on building a phonebook management web application.
- Developed CRUD operations, access management, and other relevant features using Java Struts 2 web framework.
- Developed the frontend for the application with Twitter Bootstrap and JS libraries like AMCharts.

Treasurer

IECSE

Fall 2016 - Present

- Manage the fund and financing for the official CS club.
- Work on developing and managing IECSE's internal tools as a part of the Development team.
- Conduct workshops on various development topics like web APIs, web scraping, version control, etc.
- Mentor the working and management committees via projects, summer and winter projects and workshops.
- Contribute articles to IECSE Hashtag a technology column.
- Work with the Sponsorship Head to approach Tech Companies for event collaborations.

TECHNICAL EXPERIENCE

Projects

- **CyberHawk:** 4-Day, on line scavenger hunt with participation from over 900 users around the globe. Worked as Event Head with a team of 4. Designed and developed RESTful web API in Go using MySQL relational database, Gorm object relational mappers, implemented authorization and authentication, managed deployment on Digital Ocean VPS.
- **Competitive Coder's Bot:** Telegram bot to stay updated with upcoming contests on competitive coding platforms such as Codechef and Hackerrank and CTFs from CTFtime.org, written with Flask micro-framework, uses Beautiful Soup to scrape details of upcoming contests, deployed on Heroku.
- **Hospital Administration System:** Developed a Hospital Administration Portal, a full stack web application with Node.js, Express.js, EJS templating engine and MySQL relational database tool which can help hospital administration and doctors keep track of patients, wards, admissions and discharges, billing etc.

Languages and Technologies

- C++; C; Go; Python; Javascript; Java
- Node.js + Express.js; Struts-2; Flask; MySQL

Competitive Coding

- I actively compete on various competitive coding platforms. My profiles are
- Hackerrank Contest rating: 1933 (<https://hackerrank.com/kelsier27>)

Education

Manipal, India

Manipal Institute Of Technology

Summer 2016-Summer 2020

- B.Tech in Computer Science And Engineering, May 2020 CGPA 8.51 (Sophomore Year)
 - Undergraduate Course: Data Structures, Algorithms, Database Systems, Computer Organization, Computer Networks, Operating System
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