

Apoorv Choubey

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EDUCATION

DELHI TECH. UNIVERSITY
(DELHI COLLEGE OF ENGINEERING)
BACHELOR OF TECHNOLOGY
May 2019 | New Delhi, India
Cum. GPA: 7.8 / 10

SURAJ BHAN D.A.V SCHOOL
May 2015 | New Delhi, India
Cum. GPA: 9.4 / 10

LINKS

Github:// [apooravc](#)
LinkedIn:// [apoorvchoubey](#)
Medium:// [apoorvc](#)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Advanced Database Management
Systems
Data Warehousing and Data Mining
Programming Fundamentals

SKILLS

PROGRAMMING

C++ • C# • Python • JavaScript
PHP • Java

DATABASE

MySQL • Microsoft SQL Server
MongoDB

TOOLS & FRAMEWORK

ASP.NET Core MVC • Angular
Entity Framework • Git
Django • Flask

LIBRARY

jQuery • Bootstrap
Pandas • Matplotlib • Numpy

EXTRA-CURRICULAR

POSITIONS OF RESPONSIBILITY

• Participated in organizing a Full Night Sky Watch at **Aryabhata Research Institute of Observational Sciences, Nainital** for a total of 50 students during December 2016. Technical report is available here

EXPERIENCE

ALLETEC | SOFTWARE ENGINEER

June 2019 - Present | Noida, UP

- Integrated logger functionality for debugging into Web API
- Built a customized role based authorization for user objects
- Used stored procedures to speed up search and view functionalities
- Implemented CRUD functionalities based on user cases

GOOGLE SUMMER OF CODE 2018

Software Developer at LibreHealth

May 2018 - Aug 2018

- Worked on improving the calendar system in LibreHealth Electronic Health Record application
- Created a logging system for changes done in an appointment's date, time and status specifying user and date of change
- Built interfaces to manage vacation/holiday events in bulk and to copy, paste events
- Added several UI/UX enhancements like improving list and tool-tip layouts, adding user alerts
- Increased accessibility of patient details from calendar and implemented an event based refresh
- Updated calendar source code; added provider scroll and auto time scroll functionalities
- Added functionality for setting time zone over EHR and added an improved modal interface
- Description and code of complete work done can be viewed at: [Work Summary Gist](#)

PROJECTS

WEB WORKS

- Built an admin portal with user registration, user login and password reset functionalities using cookie based authentication
- Created a customizable, shareable MCQ test taking web app using MEAN stack

DATA WORKS

- Used data libraries to build a Wikipedia word cloud generator, GDP/Population comparison of 10 European countries with time and a kNN classifier with error/accuracy vs k plots
- Built a python package using object oriented programming for scientific calculations

OPEN SOURCE SOFTWARE

- Astropy Website | Improved front-end with Asynchronous JavaScript
- PlasmaPy | Optimized code and improved documentation

AWARDS

2016 Tara Bedi trophy for proficiency in Computer Science subject