Apoorv Choubey

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SKILLS

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

DATABASE
MySQL • SQL Server
MongoDB

TOOLS & FRAMEWORK
.NET • ASP.NET • Angular
Entity Framework • Git
Django • Flask • React • Node.js

LIBRARY
jQuery • Bootstrap
Pandas • Matplotlib • Numpy

EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY
(DELHI COLLEGE OF ENGINEERING)
Bachelor of Technology
May 2019 | New Delhi, India
Cum. GPA: 7.8 / 10

COURSEWORK

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

LINKS

Github:// **apooravc**
LinkedIn:// **apoorvchoubey**
Medium:// **apoorvc**

EXTRA-CURRICULAR

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

AWARDS

Tara Bedi trophy for proficiency in Computer Science

EXPERIENCE

ALLETEC | Software Engineer
June 2019 - Present | Noida, UP

1. Project: Document Extraction
   - Integrated RESTful APIs using Microsoft Form Recogniser and built UI for intelligent training and parsing of multiple invoices and formats
   - Built an application for extracting different forms of a set of test names and their value pairs from multiple medical reports
   - Built an application for automated retrieval and processing of documents from mail services using Microsoft Graph API

2. Project: A sensory quality tracking web application
   - Implemented external authentication provider and user management through Azure Active Directory using Microsoft Graph API
   - Integrated ag-Grid as a data grid and built static forms for CRUD based user cases
   - Built dynamic forms to add/edit/display responses based on user selected controls

3. Project: A vendor portal web application
   - Built SOAP based web services for Microsoft Dynamics NAV integration
   - Used stored procedures to speed up search and reads
   - Built a customized role based authorization for user objects and integrated logger functionality for debugging

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 multiple vacation/holiday events and to copy, paste events on calendar itself
- Added time zone setting functionality, several UI/UX enhancements (modal interface, alerts) and implemented an event based calendar refresh
- 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 custom, shareable M.C.Q. test taking web application 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