Somnath Pal

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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

Kalyani, West Bengal
B.Tech in Computer Science and Engineering (2017-2021)
CGPA: 7.9 (upto 6th sem)

MODERN VIDYA NIKETAN, ARAVALI HILLS

Faridabad, Haryana (affiliated to CBSE)
Class 10 CGPA (2015):
8.8
Class 12 Percentage (2017):
89% (PHY: 91, CHEM: 94, MATH: 95)
JEE Mains Rank (2017) :
AIR 26,765 (out of 1,300,000)
JEE Adv. Rank (2017) :
AIR 17,919 (out of 172,000)

LINKS

Github:// @WizArdZ3658
LinkedIn:// @skywalker11
Stack Overflow:// @9582533

SKILLS

Languages
Python • C/C++ • Java • JavaScript • R
HTML • CSS • SQL

Frameworks/Libraries
Django • React • REST API • QT 5.14
Redux • React Native • Bootstrap
sklearn • Shiny • plumber • Flask • STL
Requests • Beautiful Soup

Databases
PostgreSQL • MySQL • SQLite

Miscellaneous
Git *(Cmd line)* • Linux • Windows • GitHub
Android Studio • PyCharm • IntelliJ
RStudio • VS Code • AWS S3 • Postman
Firebase Auth

HACKATHONS

- Smart India Hackathon 2020 finalist

WORK EXPERIENCE

SIRPI DATA SCIENCE | Back End Developer | Sep 2020 - present

- Developing APIs using plumber(R) for data visualization and to power front-end application.
- Worked on Shiny and Rmd to develop complex web application.
- Worked across 6 diff. projects and fixed various bugs/errors, added new features, simplified logic.
- Communicating with the users, technical teams and management.

BENGAL CERAMICS AND MONOLITHIC INDUSTRIES | Full Stack Developer | Jan 2020 - May 2020

- Developed desktop application using QT5.14 which keeps track of all the raw materials, employee info, customer info, profit, billing details etc.
- Users can directly manage, track and monitor expenditures, sales, inflow and outflow of raw materials, products and calculate GST. Use of online database enables the user to view everything remotely.
- Developed their first website using Django & React to showcase products, tell the visitors about the industry and also making it simple for the customers to contact them.

PROJECTS (TOTAL 9)

CODING TIPS | Website where coders can share their projects/hacks/tips

- Users can register, setup profile, login/logout, write stuff, post comments, search for posts, like/dislike posts, upvote/downvote comments etc.They have to activate their accounts by clicking on the activation link sent to the user's e-mail ID, they can also recover password if they forget.
- Users can use markdown or may use tools from top panel to make blog look more beautiful and presentable (similar to StackOverflow) along with real time preview of the content.

WORK MANAGER | Full Stack Web Application

- This is a React-Django website featuring user log in, sign up, log out etc. Users can post their To-dos on the website after logging in and click on finish when they are done with it. It's a great way to store your day to day important activities. Also there is an option to delete To-dos incase if you have cancelled your program.

ACHIEVEMENTS

I'm interested in problem solving and solve problems from various Online Judges

- Reached highest rating of 1844 on **CodeChef** (Global ranking 7593 out of 210,000) [Among Top 6% Globally]
- Reached highest rating of 1538 on **HackerEarth** (Global ranking 7000 out of 90,000) [Among Top 7% Globally]
- Reached highest rating of 905 on **AtCoder** (Global Ranking 10,542 out of 80,300) [Among Top 13% Globally]