

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, AR-AVALI 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 • HTML • CSS
 SQL

Frameworks/Libraries

Django • React • Redux • QT 5.14
 Express.js • React Native • Bootstrap
 Sklearn • Shiny • Plumber • Flask • STL
 Node.js

Databases

PostgreSQL • MySQL • SQLite
 MongoDB • Redis

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 - DEC 2020

- Developed APIs using Plumber(R) for data visualization, prediction and to power front-end application.
- Developed complex web application using Shiny(R) and Rmd(R).
- Worked across 6 diff. projects and fixed various bugs/errors, added new features and simplified logic.
- Managed various projects and communicated with users, technical teams and management.

BENGAL CERAMICS AND MONOLITHIC INDUSTRIES | FULL STACK DEVELOPER | JAN 2020 - MAY 2020

- Developed desktop application using QT5.14(Python) 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(MySQL) enables the user to view everything remotely.
- Developed their first website using Django(Python) & React(JavaScript) 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.

API FOR COVID-19 IN INDIA | WEB API APPLICATION

- Built REST API to power any front-end application to visualize/forecast the spread of Covid-19 in India.
- Loaded data from csv files, performed data-cleansing/transformation processes on the data and saved it into the database and then served the data through APIs.

ACHIEVEMENTS

- 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 91,500) [Among Top 7% Globally]
- Reached highest rating of 905 on **AtCoder** (Global Ranking 10,542 out of 83,600) [Among Top 12% Globally]