Somnath Pal

EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
Kalyani, West Bengal
B.Tech in Computer Science and Engineering (2017-2021)
CGPA: 8

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)

CONTACT/PROFILES

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

SKILLS

Languages
Python • C++ • Java • JavaScript
SQL • Git *(Cmd line)*

Frameworks/Libraries
Django • React • Redux • Node.js
Express.js • Plumber • Shiny
Sklearn • QT 5.14 • Flask

Databases
PostgreSQL • MySQL • MongoDB
Redis

HACKATHONS

• Smart India Hackathon 2020 finalist

WORK EXPERIENCE

ONESHOT | Software Engineer Intern | Feb 2021 – May 2021
- Developed the Frontend App & implemented numerous features using React, Redux, Reactstrap etc & integrated live chat, calendar events etc.
- Developed APIs using Node.js, Express.js, Mongoose, MongoDB & integrated 3rd party APIs for sending/tracking e-mails, implemented user login/signup (Standard, Gmail, Salesforce etc.), managed CRUD on Salesforce data, retrieving data from multiple data sources, implemented web-hooks & managing callbacks etc.
- Implemented automated API testing & code coverage for backend.
- Fixed various bugs/errors, optimised logic & modularised code.

SIRPI DATA SCIENCE | Software Engineer Intern | Sep 2020 – Dec 2020
- Developed APIs using Plumber(R) for data visualization, prediction, chat bot & to power front-end application.
- Developed web application using Shiny(R) & Rmd(R) for analysis of different kinds of data & generating detailed report.
- Worked across 6 diff. projects & fixed various bugs/errors, added new features & simplified logic.
- Managed various projects & delivered results.

BENGAL CERAMICS AND MONOLITHIC INDUSTRIES | Software Engineer Intern | 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 & monitor expenditures, sales, inflow & outflow of raw materials, products & calculate GST. Use of online database(MySQL) enables the user to view everything remotely.
- Developed their web application using React(JavaScript) & Django(Python) to showcase products, provide info. about the company & made it simple for customers to contact them.

PROJECTS (TOTAL 9)

CODING TIPS | Website where coders can share their projects/hacks/tips
- Website where programmers can share their projects, hacks & some cool programming tips.

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.

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 94,500) [Among Top 7% Globally]
- Reached highest rating of 905 on **AtCoder** (Global Ranking 10,542 out of 94,000) [Among Top 11% Globally]