

# 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 • JavaScript • R  
HTML • CSS • SQL

### Frameworks/Libraries

Django • React • REST API • QT 5.14  
Redux • React Native • Bootstrap  
sklearn • Shiny • plumber • Flask • STL  
Requests • BeautifulSoup

### 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 - DEC 2020

- Developed APIs using Plumber(R) for data visualization, prediction 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 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 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]