

# 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: 8 (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++ • Java • JavaScript  
SQL

### Frameworks/Libraries

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

### Databases

PostgreSQL • MySQL • 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

### ONESHOT | SOFTWARE DEVELOPER INTERN | FEB 2021 - PRESENT

- Developing Frontend Web App using React, Redux, Reactstrap & AntD.
- Developing APIs using Node.js, Express.js, Mongoose, MongoDB & integrating 3rd party APIs for sending/tracking e-mails, salesforce data, data from other sources etc.
- Fixing various bugs/errors & simplifying logic.

### SIRPI DATA SCIENCE | BACK END DEVELOPER INTERN | SEP 2020 - DEC 2020

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

### BENGAL CERAMICS AND MONOLITHIC INDUSTRIES | FULL STACK DEVELOPER 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 first website using Django(Python) & React(JavaScript) to showcase products, tell the visitors about the industry & also making it simple for the 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 91,700) [Among Top 7% Globally]
- Reached highest rating of 905 on **AtCoder** (Global Ranking 10,542 out of 86,000) [Among Top 12% Globally]