

# Lakshit Pandey

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## EDUCATION

### THAPAR UNIVERSITY, PATIALA

B.E. IN COMPUTER SCIENCE  
EXPECTED 2024  
AGPA: 8.52 | CGPA: 8.24

### APS, BOLARUM

CLASS 12TH CBSE  
GRAD. 2020 | CUM. PER: 96.4%

### DPS, SECUNDERABAD

CLASS 10TH CBSE  
GRAD. 2018 | CUM. PER: 93.2%

## COURSEWORK

Data Structures and Algorithms  
Object Oriented Programming  
Database Management System  
Operating Systems  
Software Engineering  
Computer Networks

## SKILLS

React-Redux  
Python  
Java  
SQL  
MERN Stack  
Django  
Git and GitHub

## LINKS

LeetCode  
CodeChef  
Codeforces  
GitHub  
LinkedIn

## EXPERIENCE

### D. E. SHAW & CO. | SDE Intern | May-July 2023 | Hyderabad, India

- Worked with the Equities team to develop features for an in-house **full stack** based **data visualization tool** designed to handle large datasets. This tool is **extensively utilized by quants** to visualize data in forms like charts, graphs, tables and various other plots.
- **Added support to generate interactive mailable reports** for sessions containing the visualizations, these reports depict the state of a session at any given moment.
- **Created a script** that can be executed **to customize these reports** based on certain configs. This script can also be used for periodically generating reports using user-defined cron jobs.
- **Added support for visualizing Excel files** to expand the horizon of the tool to business-oriented end users.
- Streamlined the onboarding of new users by creating a **stepwise guided app walkthrough**.
- Worked on numerous in-house libraries using **React-Redux**, **JavaScript** and **Python**.

## PROJECTS

### MEMORIES | LIVE DEMO | GITHUB

- Album of memories for users to post about their wildest experiences, most notable places visited.
- Full stack **CRUD** app built using **MERN** stack. Supports **pagination**, **search and filtering** capabilities.
- Global states managed using **React-Redux**, routing managed using **React Router DOM**.
- Responsive design implemented using **Material UI**.
- Integrated **JSON web tokens** for authentication and URL-generation purposes.
- Implemented **password hashing** using Bcrypt and **email automation** using Nodemailer.

### PORTFOLIO WEBSITE | LIVE DEMO | GITHUB

- Portfolio website built primarily using **React**.
- Modern and responsive design built using **CSS** and **React Icons**.
- Implemented contact option using EmailJS.

## ACHIEVEMENTS

- **REACHED KNIGHT AT LEETCODE** | RATED 2000+, TOP 2.74%
- **REACHED 4\* AT CODECHEF**
- **REACHED SPECIALIST AT CODEFORCES**
- **SECURED GLOBAL RANK 175** | CODECHEF STARTERS 36
- **SECURED GLOBAL RANK 634** | LEETCODE WEEKLY 269
- **SECURED GLOBAL RANK 1257** | CODEFORCES ROUND #790
- **WON LEETCODE ANNUAL BADGE 2021, 2022**
- **HIGHEST CODING STREAK OF 750+ DAYS**