

# Ojaswi Awasthi

LinkedIn: <https://www.linkedin.com/in/ojaswi-awasthi>

Email : ojaswiawasthi2025@gmail.com

Mobile : +91-8278894015

## EDUCATION

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- **Jaypee University of Information Technology** Waknaghat, India  
*Bachelor of Engineering in Computer Science with Hons in Data Science; GPA: 3.76 (9.40/10.0) Aug. 2018 – May. 2022*

## EXPERIENCE

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- **Paxcom India- A Paymentus Company** Mohali, Punjab  
*Software Engineer* August 2022 - Present
  - **Project SBP:** Started working recently on the SBP Project that uses the MERN Stack for building the frontend UI and besides that, also uses the Amazon Extract for OCR Processing which enables us to add document text detection and analysis to our applications.
- **Paxcom India- A Paymentus Company** Mohali, India  
*Software Engineer Intern* February 2022 - July 2022
  - **MERN Stack:** Built a dummy frontend UI from scratch for a payments website using React Javascript framework and connected it to the backend using Node JS thereby enabling us to add users and their payment information to the database using NOSQL MongoDB(NoSQLBooster was used for the app). New users can be added to the website using post and put requests.
  - **Redux and Redux Saga:** Implemented the Redux and Redux Saga in an application by learning about the global state management using Redux and learnt about the generators and the takeEvery() functions.
  - **Basic HTML, CSS and Javascript:** Implemented smaller projects deploying various HTML and CSS elements for a better understanding of building frontend applications using React. Implemented HOCs in React, class and functional components.
- **Internshala** Work from Home  
*React Javascript Intern* Summer 2020
  - **Box Office Application:** Built an application that displays the movies and actors according to the search keyword entered. Upon clicking a movie card, the particular movie information is also displayed. The feature for starring cards is also available. The entire data is fetched from a free API
  - **Chatting Application:** Built a chat application using React and React Router to create different routes within the app. A user can create multiple chatrooms and can send messages and files on the server. Functionality to like messages is also added.
- **Ifortis Corporate** New Delhi  
*Data Analysis and Marketing Intern* Summer 2020
  - **Data Analysis and Presentations:** Analysed input data on Microsoft Excel using the different Excel functions such as count, countif, etc. and made pivot tables for the same. Also, made powerpoint presentations devising strategies for a better outreach of the program.

## PROJECTS

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- **Surface Crack Detection:** Worked on a project identifying the cracks on surfaces to ensure their safety by using pre-trained CNN models like ResNet50 and VGG16.
- **House Price Prediction and Visualization:** Used Linear Regression with many independent variables to predict the prices of houses in different localities after eliminating outliers. Also, used various plotting charts to visualise the data
- **Booking Appointment App:** Built a react interface for booking a doctor's appointment by first filling in the relevant details in a form and then displaying it as a list item. Delete functionality is also added

## ACHIVEMENTS

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- **ML Carnival Wars:** Secured Rank 384 in Hackerearth ML Challenge-Carnival Wars
- **Hackerrank- Hack the Interview Coding Competition:** Secured Rank 43 in Hackerrank-Hack the Interview-Global coding competition

## PROGRAMMING SKILLS

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- **Languages:** Python, Javascript, C++, SQL    **Technologies:** React, MongoDB, NodeJS, Express, MS-Excel