

# Prodipta Halder

Bangalore, India | +91 6290883707 | halder.prodipta9500@gmail.com | [Linkedin](#)

## EDUCATION

<b>Masters of Computer Application(M.C.A)</b> [Chandigarh University]	July 2023
<b>Bachelors of Science - Computer Science Hons.(B.Sc Hons)</b> [University of Calcutta]	July 2021

## EXPERIENCE

<b>Software Engineer</b> [J.P Morgan Chase]	Feb 2023 – Present
<ul style="list-style-type: none"><li>Optimized a high-volume report generation system, ensuring 8,700+ reports get generated without any delay and thereby receiving 95% DTCC submission accuracy.</li><li>Designed and built a data extraction framework, reducing processing time from 1.5 hours to 15 minutes.</li><li>Contributed to industry-wide regulatory reporting rewrites, ensuring compliance standards are met.</li><li>Built and owned a pluggable and modular data visualization dashboard, enabling real-time insights from enterprise data lakes.</li><li>Built a Flask-powered backend that connects to AWS for real-time data sourcing, ensuring scalability and reliability.</li><li>Automated internal reconciliations, thereby saving more than 50 hours of manual work per month.</li></ul>	
<b>Full Stack Developer</b> [Caarya]	Nov 2020 – Aug 2021
<ul style="list-style-type: none"><li>Orchestrated seamless communication between frontend and backend, enhancing system reliability.</li><li>Engineered real-time API endpoints for sports scoreboards using WebSockets, delivering instant updates and enhancing user engagement.</li></ul>	

## PROJECTS

<b>Skin Melanoma Detection</b> ( <a href="#">View</a> )	June 2021
<ul style="list-style-type: none"><li>Incorporated application of Image Processing and Supervised Machine Learning to Diagnose Melanoma, using Random Forest Classification model.</li><li>Gained 88.98% accuracy for Skin Melanoma detection.</li></ul>	
<b>Chat App</b> ( <a href="#">Server Repository</a> , <a href="#">Client Side Repository</a> )	June 2022
<ul style="list-style-type: none"><li>Built a real-time messaging system supporting one-to-many communication using Socket.io and Node.js.</li><li>Designed an intuitive <b>React-based UI</b>, ensuring seamless user interactions.</li></ul>	
<b>Game of Life</b> ( <a href="#">View</a> )	April 2022
<ul style="list-style-type: none"><li>Implemented visualisation of Game of Life Algorithm using React Js.</li><li>Simulated evolving cellular automata based on neighborhood state transitions.</li></ul>	

## ACHIEVEMENTS

- Finalist, JPMC Code for Good 2022 Hackathon** – Ranked among the **Top 5 teams**.
- Solved 500+ LeetCode problems**, demonstrating strong problem-solving skills.
- Achieved a peak LeetCode rating of 1580**, placing in the **top 25% globally**.
- Recognized as Aptitude Topper** for the **2023 batch** by **DCPD (Chandigarh University)**.

## SKILLS

**Programming Languages** - Python, Java, Javascript  
**Tools and Technologies** - Flask, Pandas, Numpy, Redux.  
**Certifications** - [AWS Certified Cloud Practitioner](#), Introduction to User Experience Design by Accenture  
**Industry Level Experiences** - Regulatory Reporting, ISIN Templates.

## FREELANCING PROJECTS

<b>Circleskincare</b> ( <a href="#">View</a> )	June 2021
<ul style="list-style-type: none"><li>E-Commerce website with 6 categories of listed products for skiing care.</li><li>Catering to over 100+ users on monthly subscription.</li><li>Personalised product range suggested to users based on quiz.</li></ul>	
<b>Effervescence</b> ( <a href="#">View</a> )	Oct 2020
<ul style="list-style-type: none"><li>Edu-Tech platform with 30+ listed tutors as of December 2020.</li><li>Average of 24 classes scheduled for each tutor weekly as of December 2020.</li><li>Screen capture and locking down browsers integrated for online exams on the website, reducing chances of cheating.</li></ul>	