

Reva Chauhan

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Nationality

American

PROFILE

I'm a Computer Science major with an interest in Artificial Intelligence and Product Management. My skill set spans full-stack development and design, enabling me to create applications. I have actively contributed to team projects focused on automating processes. Additionally, I am keen to learn about robotics, including both assembly and programming, and I am constantly exploring new ways to innovate in this field.

EMPLOYMENT HISTORY

May 2023 - June 2023

Apprenticeship (DataPod), Ankit Malik

Developed a cryptocurrency website automation tool using Python and Selenium for efficient web scraping. The tool significantly reduced manual data extraction time and provided real-time updates on cryptocurrency trends and prices.

June 2022 - Aug 2022

On-site internship, Heads up for Tails

Remodeled website structure to highlight high-end products for a targeted audience, collaborating with a 6-person team. Developed responsive layouts for desktop and mobile devices, enhancing user experience and engagement.

Acquired skills in Figma and Adobe XD for design, wireframing, and prototyping. Integrated UI/UX best practices to align with brand strategy.

Oct 2022 - Dec 2022

Remote internship in data analysis, Deutsche Bank

Conducted database analysis and recommended optimizations to enhance the frontend user interface for displaying user information.

Developed and implemented SQL databases to query recent transaction amounts and identify users with outstanding balances.

EDUCATION

Sep 2021 - May 2024

Bachelor in Computer Science, Ashoka University

Teaching Assistant

To Anirban Sen (IIT Delhi research scholar and professor at Ashoka University) for the course "Design and Analysis of Algorithms"

To Debayan Gupta (Professor at Ashoka University and Massachusetts Institute of Technology) for the course "Introduction to Computer Programming"

Projects

1. Individual study module: Conducted research on the evolution of Facebook and MySpace, focusing on design, user engagement, and feature development. Implemented these insights into a redesigned interface to other platforms, integrating features for mergers, such as those between Zomato and Blinkit.
2. Blockchain and Cryptocurrencies: Developed a secure patient-doctor privacy information management system using Hyperledger Fabric for blockchain integration and cryptocurrencies for secure transactions. Designed and implemented frontend connections to ensure seamless and confidential data exchange
3. Biotech research Project: Studying the population genetics of genetic disorders and the demographic processes that have shaped human populations. Implemented R to program a tracking algorithm.
4. Restaurant Management System: Personal project that keeps track of customer/admin users, edits bills/menu pricing, and allows alterations following the same.
5. Closest Pair Problem: Programmed the most efficient way to find the pair of points in a 2D plane whose distance is minimum.

Electives

Blockchain and cryptocurrencies, Digitalization and Privacy, Threat Model applications, AI ethics, Computational/Mathematical Biology, Biostatistics and Informatics, Biological warfare systems applications, UI/UX and Innovation wireframing, Calculus, Symbolic Logic, and other relevant core courses.