

Harman Singh Malhotra

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EXPERIENCE

React Developer Intern

Digital Jalebi

June 2024 - Present, Dehradun, IN

- Contributed to the development of innovative SaaS applications and experiential exhibits, integrating React with emerging IoT technologies to create engaging user experiences.
- Optimized event tech project performance, reducing database query reads by 40% and improving app stability with a 60% reduction in downtime.
- Integrated React Router to facilitate seamless navigation across apps, reducing page load times by 25%.

Data Science Intern

CodeClause

March 2024 - April 2024, Dehradun, IN

- Collected data from 5+ sources, created 10+ visualizations using Python libraries, and documented findings.
- Developed 4+ models regression and SVM models for prediction and classification, optimized using cross-validation and evaluation metrics.
- Collaborated with teams, translated insights into actionable recommendations for data-driven decision-making.

Design Intern

Apna Roti Bank (NGO)

June 2022 - July 2022, Dehradun, IN

- Executed design strategies and upheld brand coherence across a diverse range of over 15+ project.
- Streamlined project timelines for 15+ concurrent projects.
- Optimizing resource allocation and consistently achieving on-time delivery of deliverables within budget constraints, reduced project delays by 40%.

PROJECTS

AIEDS

React, tailwind CSS, Material UI, PostgreSQL, Prisma, Firebase, SQLite, Docker. · github.com/H-SM/AIEDS · February 2024 - April 2024

- Developed React.js front-end with 10+ reusable components for learning aid app with chat-based PDF querying.
- Integrated Prisma/PostgreSQL, optimizing queries for 50% faster load times.
- Utilized Mistral Openorca model, providing text summaries and insights on user uploaded content.

GraphPathGuru

React, tailwind CSS, Material UI, NodeJS, MongoDB. · graph-path-guru-test.vercel.app/ · October 2023 - December 2023

- Designed a complex network analysis algorithm using graphs that processed and visualized data from nodes and edges, enhancing predictive analytics capabilities by 25%.
- Engineered sophisticated graph traversal algorithms that increased query efficiency by 30% for a large-scale graph database.
- Acted as the project maintainer in a team of 4 members, coordinating workflow over 100+ commits and issues.

EDUCATION

Bachelors in Computer Science (B.Tech Hons. AI/ML)

Minor in Big Data · UPES · Dehradun, IN · 2025 · 8.72 CGPA

- Awarded academic scholarship for 2 years good grades.
- Attained Honor credits over the domain.

INVOLVEMENT

Associate Design & VFX Head

UPES · UPES CSI · August 2022 - April 2024

- Led a team of 9 designers and visual effects artists, overseeing all aspects of Design and VFX over 20+ projects.
- Implemented design strategies and maintained brand consistency across 20+ projects and helping coworkers for optimal results.
- Spearheaded design initiatives for over 15 community events including Hackathon 8.0 and Yugmak 2.0, leading a creative team that delivered compelling visuals and layouts, which enhanced participant engagement and event visibility.

SKILLS

Programming Languages: JavaScript, React, Next.js, MongoDB, Typescript, Python, Node.js, Express.js, Tailwind css, Postgres, Firebase, Prisma, Git, GitHub

Adobe Suite: Adobe Photoshop, Adobe Illustrator, After Effects, Adobe Premier Pro

Google Suite: Google Docs, Google Drive, Google Sheets, Google Slides

Competitive programming account: <https://leetcode.com/u/H-SM/> , 500+ questions 1570 rating, proficient in C++

Soft Skills: Consistent, Cooperative, Collaborative