

Akarshit Chauhan

Entry-Level Software Engineer

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Project Experience:

MERN-based Learning Management System -

Developed a dynamic Learning Management System, featuring a sleek UI with React.js and Tailwind CSS. Utilized MongoDB, Express.js, and Node.js for robust backend functionalities, including instructor course uploads and student enrollment.

MERN-based Surplus Food Distribution App -

Developed a mobile application facilitating surplus food donation by donors, request acceptance by NGOs, and order delivery coordination using MongoDB, React Native, Express, and Node.js.

Swiggy Clone Frontend App -

Cloned the frontend of famous food ordering application using the core features of React Native(including Redux & React-Navigation) and Expo CLI.

Diabetes Prediction Model API -

Worked upon a Machine Learning model to predict(using Support Vector Machine) the result and then deployed the model into a public API.

Expense Tracker App, FoodFinder App -

Worked upon these small basic apps using core features of React Native(including Auth-Context), Expo CLI and Firebase(RealTime Data)

Internship Experience:

MathWorks (MATLAB) Virtual Internship in Collaboration with AICTE - (May-Sep 2023)

Engaged in hands-on learning experiences, delving into fundamental concepts of AI and gaining practical insights into MATLAB's AI capabilities.

Education:

B. Tech (Bachelor of Technology)

Branch: Computer Science & Engineering
University: Jaypee Institute of Information Technology, Noida

Year: 2025 CGPA(till date): 7.3

Higher School Certificate (HSC)

Board: Central Board of Secondary Education (CBSE)

Year: 2021 Percentage: 95.6%

Secondary School Certificate (SSC)

Board: Indian Certificate of Secondary Education (ICSE)

Year: 2019 Percentage: 86.4%

Technical Skills:

- **Programming Languages:** C, C++, Python, JavaScript
- **Web Development:** HTML, CSS, JavaScript, ReactJS, Next.js
- **App Development:** React Native
- **Database:** MySQL, MongoDB, Firebase
- **Version Control:** Git
- **Machine Learning:** Supervised, Unsupervised, NLP, Deep Learning(ANN & CNN), XGBoost, Libraries (NumPy, Pandas, Matplotlib, SciKit-Learn, TensorFlow)

Relevant Courses:

- Udemy's Machine Learning Course (All ML algorithms and techniques)
- Udemy's React Native Course (core features like React navigation, Redux, API context, user authentication, Expo CLI, state management)
- Udemy's ReactJS Course (core features like Context API, react router, react hooks, state management)
- Udemy's DSA course in C & C++