

# Aman Singh

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## EDUCATION

### Jaypee Institute Of Information Technology

B.Tech in Computer Science

Noida, India

June 2023

### SCAN SBV No.-2

CBSE 12th

New Delhi, India

May 2018

## SKILLS

**Languages:** HTML, CSS, JavaScript, Python, C++

**Frameworks/Libraries:** React.js, Redux Toolkit, Django, Bootstrap

**Databases:** MySQL, Firebase

**Platforms/Tools:** Git/GitHub, VS Code, Jupyter Notebook, Google Colab

## PROJECTS

### CrediTrade: Management System | [HTML/CSS](#), [Bootstrap](#), [JavaScript](#), [Django](#), [PostgreSQL](#)



- Developed a full-stack web application for orders and transaction management for cardholders and shop owners reducing manual workloads by 15 hours per week.
- Fortified security and user management by implementing advanced authentication features, eliminating 100% of unauthorized access with robust email verification and a streamlined password reset system.
- Automated order transitions and transaction updates with Django signals, ensuring 100% accuracy.
- Managed data for over 200 users with Supabase PostgreSQL, performing regular backups to ensure data persistence and used Azure Blob Storage to securely store and organize invoices uploaded by users for efficient retrieval.
- Designed real-time dashboards on Render.com, using Gunicorn to enhance performance by 25%.

### Netflix Clone | [React](#), [CSS](#), [Firebase](#), [TMDB API](#), [React Router](#)



- Developed a highly responsive Netflix clone using React and Firebase, ensuring seamless performance across all devices and integrating advanced features for an enhanced and intuitive user experience.
- Integrated TMDB API to fetch trailers and metadata for over 100,000 movies, enhancing content accuracy and implemented secure user authentication with Firebase for reliable user account management.
- Designed a streamlined user interface featuring responsive movie cards and integrated video playback components using React Router; improved user satisfaction scores, achieving a notable 15% boost in positive feedback ratings.

### QA Notes | [React](#), [CSS](#)



- Created an intuitive notes application, enhancing note organization and retrieval by 40% over previous methods.
- Executed CRUD operations with React hooks, incorporating pagination and global search to optimize state management and data handling, reducing user time by 20%.
- Leveraged local storage to retain notes across sessions, ensuring 100% data persistence.
- Deployed the application using Vercel's serverless infrastructure with advanced auto-scaling, achieving 99.% uptime and ensuring high performance, exceptional reliability, and a seamless user experience.

## CERTIFICATION

### Introduction to Front-End Development | [Certificate](#)

Coursera

October 2023

### Agile Software Development | [Certificate](#)

Coursera

September 2023

### How to React.js | [Certificate](#)

Codekaro

September 2023

### How to JavaScript | [Certificate](#)

Codekaro

September 2023

### Two Weeks Online Training Program on Cybersecurity and Forensics | [Certificate](#)

NITTTR Chandigarh, Ministry of HRD, Govt. of India

October 2021