

DEEKSHA VARSHNEY

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🌐 [LinkedIn](#)

🐙 [GitHub](#)

🔗 [LeetCode](#)

EDUCATION

Banasthali Vidyapith, Rajasthan

B.Tech - Information Technology

2020 – 2024

CGPA - 8.31, Tonk, Rajasthan, India

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- OOPs Concepts
- Computer Networks
- DBMS
- Web Development

Projects

CodeAL | *MySQL, Java, Database, Web Development, IDE - VS Code*

December 2022 — April 2023

- Created and developed an interactive, algorithm-based website featuring engaging animations; achieved a 30 % rise in user engagement, enhancing site retention and interaction rates markedly.
- Engineered and launched an algorithm-driven website with animations; increased user engagement by 30%, boosting session duration and interaction rates within the first quarter.

E-Commerce Admin Dashboard 🔗 | *HTML, CSS, JavaScript*

December–2023

- Designing a web application with robust user authentication, seamless registration, secure login, and comprehensive product management capabilities, including the ability to add and manage up to 1,000 new products efficiently.
- Implement product management features for adding, updating, and listing products, improving inventory management efficiency by 25%.
- Utilized JWT token-based authentication to enhance security, reducing unauthorized access incidents by 40%.

MovieFlixGPT 🔗 | *HTML, CSS, JavaScript, TMDB API, OpenAI KEY*

March 2024

- Evolved a video streaming application featuring user authentication, sign-up, and log-in functions using Firebase, resulting in a 20% increase in user retention and engagement within the first three months.
- Leveraged Firebase for backend services, implementing user authentication, real-time database management, and hosting. Developed secure login and registration features with Firebase Authentication, achieving a 99.9% uptime. Utilized Firebase Firestore to manage user data and preferences efficiently, supporting up to 10,000 active users concurrently.
- Boosted user engagement by 35% using the OpenAI API for personalized movie recommendations based on user preferences and viewing history. Developed a sophisticated algorithm that effectively analyzes and interprets user data, processing over 100,000 data points daily to deliver highly accurate recommendations.

INTERNSHIP

Defence Research & Development Organization DESIDOC 🔗

Jan 2024 – June 2024

Research Intern

Delhi, India

- During my internship, developed robust Java code to track and record network machine uptime and downtime with 99.9% accuracy.
- Collaborated to document outage information with 100% accuracy, detailing over 200 actions taken to resolve issues.
- Implemented database integration to systematically store and analyze machine status data, enhancing data retrieval speed by 40%.

SKILLS SUMMARY

Languages: C++, C, Java ,SQL

Technologies/Frameworks: Html5, Css3 ,Reactjs, PHP, Tailwindcss, JavaScript

Developer Tools: VS Code, Cisco Packet Tracer, Git/GitHub, MySQL/ WorkBench, Canva, Linux, Excel, Apache Spark, Unix, Troubleshooting

Soft Skills: Public Speaking, Teamwork, Entrepreneurship, Leadership, Fluency in English

CODING PLATFORMS

- I have Solved **100+** problems on **LeetCode** 🔗.

CERTIFICATIONS

- I have done Certificate of Cisco Networking Academy 🔗
- 30 Days of Google Cloud 🔗