

Darshan Kishor Arkhade

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SUMMARY

Enthusiastic 2nd-year student with a focus on web development and a strong interest in blockchain technology. Proficient in front-end development using HTML, CSS, and JavaScript, including frameworks like React and familiarity with Tailwind CSS. Skilled problem solver in data structures and algorithms. Committed to ongoing learning and seeking opportunities to contribute to innovative projects in web development and blockchain.

PROJECTS

SecurX- Cryptographically Secured Password Manager

January 2023 - Present

- Developed a cryptographically secured password manager, "SecurX" using Node.js, RSA encryption, and SHA-256 hashing for robust data protection.
- Contributed to the development of "SecurX", focusing on front-end implementation for a seamless user experience.
- Developed modular and scalable front-end code, ensuring maintainability and enabling future enhancements.
- Collaborated on version control using Git, facilitating efficient teamwork and streamlined development workflows.

Exam Scheduler

March 2023 - April 2023

- Developed an exam scheduler generator using a Python-based genetic algorithm, optimizing exam schedules based on constraints and preferences.
- Implemented genetic algorithm methodology to efficiently handle room availability, student preferences, and time constraints.
- Leveraged Python libraries and data structures for streamlined processing of large datasets, resulting in time and resource savings.
- Conducted rigorous testing and analysis, ensuring the accurate and efficient generation of exam schedules.

EDUCATION

Bachelor's of Technology , Computer Science and Engineering

IIIT Gwalior • Gwalior, India • 2025 • Current CGPA: 7.74

Class 12th

Matoshri Junior College • Nashik, India • 2021 • 97%

Class 10th

JNV Nashik • Nashik, India • 2019 • 94.2%

CERTIFICATIONS

Cloud Engineering

Google Cloud Skills Boost • 2022

SKILLS

Front-End: HTML, CSS, JavaScript, React, NextJS, Tailwind CSS

Backend: Node.js, Express.js, MongoDB

Cloud: Google Cloud Platform

Programming Languages: C, C++, Python