

YUVAL VARKE

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OBJECTIVE

Computer Science Engineering student with practical experience in C++ and full-stack development, focused on building scalable and efficient software solutions. Strong foundation in data structures, algorithms, and problem-solving, with hands-on exposure to collaborative and agile development workflows. Proactive learner eager to contribute to real-world projects by applying clean coding practices and industry standards.

EDUCATION

B.Tech in Computer Science Engineering, Lakshmi Narain College of Technology & Science, Bhopal, M.P.

Expected Graduation - 2026

Higher Secondary Education (12th Grade), Aditya Birla Public School, Amreli, Gujarat

Completed with 81.6% - 2022

Secondary Education (10th Grade), Aditya Birla Public School, Amreli, Gujarat

Completed with 93.8% - 2020

SKILLS

Programming Languages

C++, JavaScript, HTML

Frameworks & Libraries

React.js, Node.js, Express.js, Tailwind CSS

Tools & Platforms

MongoDB, MySQL, Git, GitHub, VS Code

Soft Skills

Problem Solving, Team Collaboration, Communication skills

EXPERIENCE

Software Developer Intern

DNote

Sept 2025 - Oct 2025

Pune - (Remote)

- Designed, developed, and integrated Google Calendar API synchronization, enabling seamless event scheduling, real-time updates, and contextual note linking, allowing users to efficiently manage schedules directly within the application.
- Revamped and optimized the User Interface (UI) of the DNote application by applying modern design standards, responsive layouts, and accessibility best practices, resulting in improved usability, navigation flow, and overall user engagement.
- Implemented Gemini AI integration to support intelligent question-answering within notes, enabling context-aware interactions, enhancing productivity features, and providing users with AI-driven insights directly inside the application.

PROJECTS

- LaunchMate** — Node.js, JS, Gemini API, VS Code Extension API, HTML, CSS ([Link](#))
 - Developed a Visual Studio Code extension integrating the Gemini AI API to analyze project structures and auto-generate step-by-step environment setup instructions, including executable shell commands for faster project onboarding.
 - Engineered a recursive file system scanning engine to detect environment variables and extract project dependencies across multiple ecosystems, including npm, pip, and other package managers.
 - Designed an interactive webview-based wizard UI featuring step-wise navigation, real-time message passing, and guided workflows, delivering a streamlined and intuitive developer onboarding experience.
- RevAI** — Node.js, Express.js, CSS, Gemini API, React.js ([Link](#))
 - Developed a full-stack code review application using React and Express.js, integrating Google Gemini AI to perform automated code analysis, bug detection, and code quality evaluation.
 - Designed and implemented RESTful API endpoints to process code submissions and deliver real-time, AI-powered quality assessments, ensuring low-latency feedback and scalable backend performance.
 - Built a responsive React-based user interface enabling instant feedback on bugs, performance optimizations, and best-practice recommendations, enhancing developer productivity and review efficiency.

CERTIFICATIONS - ([LINK](#))

- Data Structures and Algorithms with C++ by GeeksForGeeks (April 2024)
- AWS Academy Cloud Foundations (May 2025)
- TalentNext Data Science by Wipro (November 2025)

ACHIEVEMENTS

- Solved 300+ problems on coding platforms like LeetCode, GFG, and HackerRank.
- Led frontend-backend integration efforts in team projects, demonstrating strong team collaboration and leadership