

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

Sept 2025 - Oct 2025

DNote

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