

NAVYANSH KOTHARI

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EXPERIENCE

Technical Growth Analyst

Hitwicket

Dec 2024 – Present Hyderabad, India

- Developed HTML5 playable ads using JavaScript for mobile ad networks, achieving 25% higher inorganic installs
- Built internal Google Forms alternative using Node.js and Express with real-time data visualization
- Conducted growth analysis on installs and retention using SQL, MongoDB, optimizing user acquisition funnels

Full Stack Developer

Ethnus CodeMithra

Aug 2023 – Nov 2023 Chennai, India

- Built and deployed full-stack applications using MERN stack with responsive front-end interfaces and secure RESTful APIs
- Developed backend logic with Express.js, handling form validation, JWT-based authentication, and MongoDB data operations
- Participated in agile stand-ups and collaborated with UI/UX designers to align functionality with user stories

EDUCATION

Vellore Institute of Technology, Chennai 2021-2025

- B.Tech in Computer Science and Engineering — **8.3 CGPA**

Chinmaya Vidyalaya, CBSE 2020-2021

- Class XII — **94.8 Percent**

Chinmaya Vidyalaya, CBSE 2018-2019

- Class X — **90.2 Percent**

PUBLICATION

Towards Insider Threat Resilience: A Proposed Mitigation Model [IEEE Xplore](#)

- Developed a Windows app using Flutter and Dart to automate Python script protection, support IP input, file handling, executable generation, and basic steganography.

TECHNICAL SKILLS

- Programming Languages:** Java, Python, JavaScript, C++, Swift, HTML, CSS.
- Frameworks:** React JS, Node JS, Express JS, SwiftUI, UIKit, Flask, Gemini API.
- Databases:** MySQL, MongoDB, Firebase.
- Tools:** Git, GitHub, DevOps, Xcode, Figma, AWS, Google Cloud Platform.
- Course Work:** DSA, DBMS, OOPS, Operating System, Computer Networks, Machine Learning, NLP, Gen AI.

PROJECTS

[GuardNote](#)

Frameworks Used: HTML5 | CSS3 | JavaScript | Canvas API | GitHub API | jsPDF

- Developed a privacy-first digital notebook with HTML5 canvas drawing capabilities and optional GitHub cloud sync
- Implemented secure private gist storage system with PDF export functionality and cross-device synchronization

[Nextforms](#)

Frameworks Used: Node.js | Express | JavaScript | Google APIs | OAuth | Google Sheets API

- Built a full-stack Google Forms alternative with real-time form tracking and advanced email notifications
- Integrated secure Google OAuth authentication and dynamic storage via Google Sheets API with Railway deployment

[MCQ Quiz Generator](#)

Frameworks Used: Python | Flask | Google Gemini 1.5 Pro | HTML | CSS | JavaScript

- Developed mobile-friendly web app generating MCQs from PDF, TXT, and DOCX files using Google Gemini 1.5 Pro
- Implemented quiz mode with downloadable answers and interactive learning features for enhanced user engagement

[Portfolio Website](#)

Frameworks Used: React | Framer Motion | HTML | CSS | JavaScript

- Developed a fully responsive portfolio website using React with seamless performance across all devices
- Integrated Framer Motion for smooth animations and modern design patterns with Hostinger hosting

CERTIFICATIONS

- AWS Certified Cloud Practitioner, [Link](#)
- Google Cloud Computing Foundations by IIT Kharagpur, [top 5 percent scorer](#)
- IIT Bombay: Java, MySQL, PHP, Python Training [Link](#)

ACHIEVEMENTS

- Solved coding problems on [Leetcode](#)
- Created Youtube videos on DSA, [NavyCodes](#) and Tech Videos, [NavyGeeks](#) channels
- School Topper in Physics Class XII, [Post](#)
- NPTEL Certification - IIT Kanpur: Forest and its Management (97/100) and Wildlife Ecology (100/100), [Link](#)