VEDANT PALANDURKAR
FULL-STACK WEB DEVELOPER

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SUMMARY

Final-year B.Tech Computer Science student (CGPA: 7.79/10) with strong hands-on experience in full-stack web development, real-time data visualization, and analytics dashboards. Developed a production-ready Forest Fire Monitoring & Risk Analysis Dashboard using satellite data, GIS mapping, and backend analytics. Skilled in React, Node.js, MySQL, JavaScript, Python, and core CS fundamentals with proven leadership and teamwork abilities.

WORK EXPERIENCE

GIS & Full-Stack Development Intern – MRSAC (Maharashtra Remote Sensing Application Centre) *Current*

Working on satellite-data-driven applications involving remote sensing datasets, GIS mapping, and web-based visualization. Contributing to the development of interactive dashboards, spatial data processing, and analytics for environmental and geospatial monitoring use cases.

Head Volunteer – Heed's Foundation, Nagpur *Feb 2024 – Mar 2024*

Led a volunteer team to execute healthcare, education, and social welfare initiatives. Coordinated operations, improved team efficiency, and increased community engagement.

SKILL

Languages:	HTML, CSS, JavaScript, Python, R Language, C++, Data Structures and Algorithms (DSA), Database Management Systems (DBMS)
Tools / Frameworks:	React.js, Node.js, Express.js, MySQL, Leaflet.js, Power BI, Tableau, Git, GitHub, Figma, Microsoft Office, Google Workspace
Soft Skills:	Team Leadership & Collaboration, Problem Solving, Public Speaking & Communication, Event Management, Community Outreach

PROJECTS

Forest Fire Data Monitoring & Risk Analysis Dashboard

Developed a full-stack web dashboard using React.js, Leaflet.js, Node.js, Express, and NASA FIRMS satellite data to visualize real-time and near-real-time forest fire incidents. Implemented interactive GIS maps, district-wise fire risk classification, analytics panels, filters, and REST APIs for scalable data delivery.

StoreRank – A Full-Stack User & Store Management Platform with Ratings

Developed a full-stack web application using React, Node.js, Express, and MySQL for user authentication, store management, rating systems, and admin dashboards.

Annual Sales and Product Report Dashboard (Power BI)

Developed an interactive Power BI dashboard analyzing SME sales data with KPIs such as sales, profit, discounts, and quantity using data modeling and DAX

EDUCATION

Bachelor of Technology *Nov 2022 - Current*

GH Raisoni College of Engineering and Management, Nagpur   :- CGPA: 7.79/10

HSC *Mar 2022*

New English Jr. College of Science and Commerce, Nagpur

SSC *Mar 2020*

Prerna Convent, Nagpur

EXTRACURRICULARS

Student Council Mentor – CSE Department, GHRCEMN *Aug 2025 – Present*

Mentoring student council members in leadership, planning, and execution of departmental initiatives.

Event & Operations Head – GFG Student Community *Aug 2025 – Present*

Leading technical workshops, coding events, and student engagement initiatives.

Student Council Secretary – CSE Department, GHRCEMN *Aug 2024 – May 2025*

Organized academic, technical, and cultural events and strengthened student–faculty collaboration.