

RIDDHI VERNEKAR

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EDUCATION

- Government College of Engineering, Aurangabad** Aug. 2021 - Present
B.E in Computer Science • CGPA: 8.24
Aurangabad, India
- Kulbhushan Junior College** Jun. 2019 - May 2021
HSC percentage: 95.33%
Aurangabad, India
- S.B.O.A. Public School** May 2016 - May 2019
SSC percentage: 91.4%
Aurangabad, India

ACHIEVEMENTS

- Hackathons & Ideathons:**
 - 1st Runner-Up, Wings Hackathon 2024.
 - 1st Runner-Up, GECA Ankur Ideathon; received pre-incubation at AICF.
 - Phase 1 Cracked, Myntra HackerRamp 2024.
 - Shortlisted, Google Solution Challenge Bootcamp 2024.
- Competitions:**
1st Place, ASFU Drone Weightlifting (2nd National Robotics Ranking Series), Pune 2022.

TECHNICAL SKILLS

- Programming Languages:** HTML, CSS, JavaScript, SQL,C/C++, Python .
- Analytics Products:** Google Analytics . **Reporting Tool:** Power BI, Tableau .
- Libraries and Frameworks:** STL, React.js, Node.js .
- Databases:** SQL Server,Oracle, BigQuery .
- Core Subjects:** DSA, Database Management Systems (DBMS), Object-Oriented Programming (OOP) .
- Other Tool and Technology:** VSCode, Git, GitHub, Arduino, UAVs, Drone Technology .

PROJECTS

- Online Certificate Authenticator** — *JavaScript, Python, React.js*
 - Developed a JavaScript solution that reduces educational certificate verification time from 10 to 2 minutes by matching OCR-extracted data with QR code scans.
 - Integrated QR code scanning using **jsQR** and **Jim** for accurate data retrieval.
 - Award Recognition:** 1st runner-up at Wings Hackathon, highlighting innovative and practical application.
- Portfolio Website** — *HTML, CSS, Bootstrap, Spline*
 - Designed and implemented a user-friendly portfolio site with interactive 3D elements using Spline, enhancing usability and engagement.
- Obstacle Avoidance Drone** — *C, Arduino*
 - Engineered a collision-avoidance system for autonomous drones, improving safety measures by 80-85% through advanced sensors and software for effective obstacle detection and navigation.
- Fitness Coach Chatbot** — *JavaScript, JSX, Tailwind CSS, Gemini Generative AI*
 - Developed a personalized AI fitness coach chatbot using JavaScript, JXL, and Tailwind CSS, enabling real-time fitness guidance with Gemini Generative AI.
 - Implemented custom algorithms to tailor AI responses exclusively for fitness advice, enhancing user engagement and satisfaction by 20%-30%.

EXPERIENCE

- GDSC Lead** GEC, Aurangabad
Aug. 2023 - Aug. 2024 Google Developer Student Clubs, India
 - Conducted workshops on web technologies, educating over 200 students on Google tools.:**
Organized 10+ tech events and gave a talk on **"BigQuery"** at Google DevFest, significantly enhancing community engagement.
Managed a team of 20, driving innovation in web design for 10+ club events.
- Fullstack Developer** Remote
Jun. 2024 - Present Xzect Open Source
 - At Xzect Open Source, I developed and enhanced crowdfunding platform and customized chatbots.:**
- Vice President and Co-Founder** GEC, Aurangabad
Mar. 2024 - Present C-CuBe
 - Founded a coding community, e empowering 100+ students and professionals with practical programming skills.:**
Established an alumni association and provided mentorship, facilitating knowledge-sharing and networking for 150+ students.
- Tech Developer** GEC, Aurangabad
Oct. 2022 - Jul. 2023 CodeChef GEC
 - Developed UAV and drone technologies, contributing to 5+ projects.:**
Participated in the World Robotics Championship and ASFU Pune, showcasing innovations in robotics and automation.

CERTIFICATES

- **Coursera:** JavaScript Programming Essentials an online non-credit course authorized by IBM and offered through Coursera.
- **Udemy:** C-Programming for Beginners- Solid Fundamentals