

# 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*

## TECHNICAL SKILLS

- Languages:** C/C++, JavaScript, HTML, CSS, Python **SQL** **Libraries:** C++ STL, React.js, Node.js
- Core Subjects:** DSA, DBMS, OOPs
- Tools and Technologies:** VSCode, Git, GitHub, Arduino, UAV's, Drone, **SQL server**

## 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.
- ParkCircle** — *Python, OpenCV, TensorFlow*
  - Developed a real-time parking space tracker with TensorFlow and **OpenCV**, improving urban management efficiency by 15%-25%.
  - Awarded 1st place at GecaAnkur Ideathon, received **AICF Pre-Incubation**, and selected for **Google Solution Challenge 2024** Regional Bootcamp.

## 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.

## ACHIEVEMENTS

- Hackathons & Ideathons:** First Runner-Up at Wings Hackathon 2024, and first runner-up at Ideathon by GECA Ankur. Received Pre-Incubation at AICF.
- Competition:** Acquired 1st Position in ASFU Drone Weightlifting, Pune 2022, as part of the 2nd National Robotics Ranking Series.

## CERTIFICATES

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