Ivo Pereira

📌 Contact Information

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🔗 **GitHub:** github.com/ivocreates
🔗 **Portfolio:** ivocreates.site
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🎯 Summary

Innovative **Computer Science student** passionate about **web development, software engineering, and cybersecurity.** Skilled in building **secure, scalable, and high-performance** applications, I thrive in solving **complex technical challenges.** With expertise in **full-stack development, cybersecurity, and IoT**, I continuously push boundaries to craft **impactful and efficient digital experiences.**

💡 Technical Skills

💻 **Programming:** JavaScript, Python, PHP, C++, Java
🌐 **Web Development:** HTML, CSS, React.js, Bootstrap, Node.js
🗄 **Databases:** Firebase, MySQL
🔧 **Tools & Technologies:** Git, SEO, Cloud Hosting (AWS)
🛡 **Cybersecurity:** Ethical Hacking, Secure Coding, CTF Challenges
📡 **IoT & Embedded Systems:** Raspberry Pi, Arduino, IoT Security
🎨 **Design Skills:** Adobe Photoshop, Illustrator

🎓 Education

🎓 **Bachelor of Computer Science (Major) | Web-App Development (Minor)**
📍 **S.P.K. College, Sawantwadi (Autonomous) | 2023 – Present**
📌 **CGPA:** 7.8 (First Year) | Currently in Second Year

📖 **Certifications:**
✓ **Introduction to Cybersecurity – Cisco**

⚒ Projects & Experience *(Showcasing Smart Problem-Solving!)*

◆ [Typoclapse – Typing Challenge Game](#) (JavaScript | Firebase)

- Created an interactive typing game that dynamically adapts to user speed.
- Used Firebase Firestore for real-time leaderboard management.

◆ [Gatekeeper – Visitor Management Dashboard](#) (Security App | Python | Flask)

- Built a system to track visitor entries, improving security & efficiency for gated communities.
- Integrated QR-based check-in and real-time logging with Firebase.

◆ [Smart Warehouse – IoT-Powered Inventory Management](#)

- Technologies: Raspberry Pi, Python, IoT Sensors, Firebase
- Description: Developed an intelligent warehouse management system integrating IoT sensors to monitor inventory levels, environmental conditions, and security. Implemented real-time data analytics and alerts to optimize stock management and reduce operational costs.

◆ [Kinectix – Gesture-Based Control System](#)

- Technologies: Python, OpenCV, Machine Learning
- Description: Engineered a gesture recognition system using computer vision techniques, enabling touchless interaction with digital devices. This project was showcased at the 19th Aavishkar Research Convention, advancing to the state level.

📌 **More Projects & Code:** [GitHub Portfolio](https://github.com/ivocreates) -https://github.com/ivocreates

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🏆 Achievements & Leadership

🥇 **AI Webathon Winner** *(3rd Place at SRM College AI Webathon – Built a Website in 1.5 Hours)*
🏆 **Zonal Level Champion** *(Advanced to State Level at Aavishkar Research Convention)*
⚒ **Innovator in IoT Solutions** *(Developed Smart Warehouse & Kinectix Research Project)*