Ojas Gharde

Data Analyst | Cybersecurity Analyst | Game developer | Passionate Programmer

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Profiles

🔗 Ojas Gharde	📷 oggharde	𝕏 Ohasu22	Credly ojasgharde

Summary

Tech professional with **3+ years in data analysis, cybersecurity, and game development**. Skilled in C/C++, Java, Python, SQL, R, and web technologies (HTML, CSS, JavaScript, React, Node.js). Led impactful projects like a personal finance dashboard (40% efficiency boost), **Arduino-based walkie-talkie, and a deepfake detection system (92% accuracy)**. Currently have 9.1 GPA in Electronics and Telecommunication Engineering, with **expertise in Unreal Engine and Blender 3D**. Focused on delivering innovative solutions that enhance security and performance.

Experience

MIT Academy of Engineering   June 2024-August 2024
Summer Intern   Pune
🔗 https://careercredintials.in

Completed a **6-week Industrial Internship** in **Full Stack Development at MIT Academy of Engineering, Alandi Pune**, contributing to the development of the **"Personal Finance Dashboard"** project.

Projects

• Arduino based Walkie Talkie   June 2024
🔗 https://ojasgharde22.blogspot.com/

Developed an **Arduino-based walkie-talkie using 433MHz transceivers**, featuring **two Arduinos, a transmitter, receiver, and LCD display**. This project strengthened my skills in hardware integration and programming, showcasing cost-effective solutions for offline communication.

- Enhanced hardware integration and programming skills by successfully creating a **cost-effective communication solution** with a range of **up to 100 meters.**
- Conducted **3 rounds** of testing to ensure reliable message transmission and accuracy, reducing error rates by **20%** over initial prototypes.

• Personal Finance Dashboard   Aug 2024
🔗 https://ohasu22.github.io/Personal_Finance_Dashboard/

Created a personal finance dashboard using **React, Node.js, Express.js, HTML, and CSS** for tracking financial data and visualizing spending habits. This project improved my **full-stack development** skills, highlighted **user-friendly design**, and emphasized **customization for individual financial goals.**

- **Collaborated** with a team of **4** to integrate backend systems using **React, Node.js, and Express.js**, enhancing the application's data handling capabilities.
- Gained hands-on experience in **full-stack development** while working on **3 core functionalities** of the dashboard, focusing on **scalability** and **usability.**

• Deepfake detection system   Aug 2024-June 2026
🔗 https://ohasu22.github.io/Deepfake_Detection_System/

Developing the deepfake detection system enhanced understanding of **CNNs**, particularly in **extracting visual patterns** and **identifying subtle media manipulations**, while also improving skills in **data preprocessing and model optimization.**

- Implemented **feature extraction techniques** to capture subtle visual patterns, improving detection reliability for real-world applications by **15%.**
- Conducted multiple rounds of model tuning, which reduced false positives by **10%** compared to the baseline, improving overall system performance.

Language Proficiency

English	French	Japanese	Hindi	Marathi
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Technical Skills

Data Analysis ●●●●○	**Cybersecurity** ●●●●○	**Python** ●●●●○	**SQL Language** ●●●●○	**React JS** ●●●○○
Java ●●●●○	**Express JS** ●●●●○	**Unreal Engine** ●●●●○	**Blender 3D** ●●●●○	**C++** ●●●●○
C ●●●○○	**R programming** ●●○○○	**JavaScript** ●●●○○	**HTML** ●●●●○	**CSS** ●●●●○

Education

MAAER's MIT Academy of Engineering   BTech
Electronics and Telecommunication
9.1 GPA
🔗 https://mitaoe.ac.in/

Nirala Jr. College   Higher Secondary
Science
93%

G.M.B Eng. Med Highschool
87%

Certifications

Microsoft Azure Fundamentals Feb 2023 Microsoft/Credly	**Python for Everybody** Sept 2023 University of Michigan
Foundations: Data, Data Everywhere Oct 2023 Google/Coursera	**Ask Questions and Make Data-Driven Decisions** Feb 2024 Google/Coursera
Create Data Everywhere Feb 2024 Google/Coursera	**Process data from Dirty to Clean** Feb 2024 Google/Cousera
Analyse Data to Answer Questions Mar 2024 Google/Coursera	**Share Data through the Art of Visualization** Mar 2024 Google/Coursera
Data analysis with R programming Mar 2024 Google/Coursera	**Cybersecurity Professional** July 26 2024 Google/Coursera
Foundations of Cybersecurity May 2024 Google/Coursera	**Play it Safe: Manage Security Risks** May 2024 Google/Coursera
Connect and Protect: Networks and Netwok Security June 2024 Google/Coursera	**Tools of the Trade:Linux and SQL** July 2024 Google/Coursera
Assets, Threats and Vulnerabilities July 2024 Google/Coursera	**Sound the Alarm: Detection and Response** July 2024 Google/Coursera
Automate Cybersecurity tasks with Python July 2024 Google/Coursera	**Put It to Work: Prepare for Cybersecurity Jobs** July 2024 Google/Coursera
Google Data Analytics Capstone: A Case Study August 2024 Coursera/Google	**Google Data Analytics** August 22 2024 Coursera/Google
Foundations of Data Science Sept 2024 Google/Coursera	**Get Started with Python** Sept 2024 Google/Coursera
Go Beyond the Numbers: Translate Data into Insights Nov 2024 Google/Coursera	

Interests

Gaming   Guitar Playing   Singing   Socializing