

# RAI TABISH

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## Skills

- Languages: C# | .NET | Java | C++ | Python | React Native | C | Kotlin | MySQL | React | Go
- Tools: KALI | AWS | Docker | Kubernetes | Tableau | Excel | Pandas | SSMS | Git | VSCode | Linux | Unity 3D | Flask | OpenCV | Tessecart
- Field of work: Ethical Hacking | Block Chain | Info Security | Distributed Systems | Computer Vision | Data Analysis | Data Engineering | Generative-AI | NLP

## Experience

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|--|---------------------------------------|--------------------------|
| <b>Android Development Intern</b>  | <b><u>RADWI – NSTP, Islamabad</u></b> | <b>04/2023 - 08/2023</b> |
| <ul style="list-style-type: none"><li>• Developed a dictionary app using Kotlin in Android Studio, reducing user search times by 30% with integrated RESTful API for real-time dictionary results.</li></ul>   |                                       |                          |
| <b>Game Development Intern</b>   | <b><u>AirDev (Remote)</u></b>         | <b>01/2022 - 04/2022</b> |
| <ul style="list-style-type: none"><li>• Learned Unity and Blender on the go while developing 3D game mechanics. Led the development of 3D game mechanics in a remote startup.</li></ul>  |                                       |                          |
| <b>CS Lab Demonstrator</b>   | <b><u>FAST NUCES Islamabad</u></b>    | <b>01/23 - 11/2023</b>   |
| <ul style="list-style-type: none"><li>• Evaluated and facilitated weekly labs for a cohort of 50+ students enrolled in the Programming Fundamentals (C++) course.</li><li>• Received positive feedback from students, indicating a strong ability to effectively communicate and support their learning journey.</li></ul> |                                       |                          |
| <b>Freelancer</b>  | <b><u>FIVERR</u></b>                  | <b>01/23 - Present</b>   |
| <ul style="list-style-type: none"><li>• Achieved Level 1 badge in a month.</li><li>• Completed 15+ projects using image processing, .Net desktop application development, and more using C++, C#, OpenCV, and Python, with consistent 100% 5-star ratings.</li></ul>   |                                       |                          |

## Education

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|--|------------------------------------|--------------------------|
| <b>Bachelor of Science, Computer Science</b>   | <b><u>FAST NUCES Islamabad</u></b> | <b>08/2021 - 05/2025</b> |
| <ul style="list-style-type: none"><li>• <u>Relevant Courses</u>: BlockChain, Computer Networks, Information and security, Ethical Hacking, Data Structures &amp; Algorithms, OOP, Operating Systems, C++ Program Design, Database Management Systems.</li><li>• <u>Extra-Curriculars</u>: Vice President of Computing Society - Organized and managed 20 labs, each accommodating over 60 students, fostering a conducive learning environment and facilitating practical application of theoretical concepts.</li></ul> |                                    |                          |

## Projects

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|--|------------------------|--------------------------|
| <b>DataKaleidos - Final Year Project</b>   |                        | <b>08/2024 - Ongoing</b> |
| <ul style="list-style-type: none"><li>• Building data pipelines for CPG products, gathering of data from e-commerce sites and social media, and allows users to query data using natural language. Solution Stack: Apache AirFlow, Python, PyTorch</li></ul> |                        |                          |
| <b>Thermal Camera Controller</b>   | <a href="#">GitHub</a> | <b>06/2023 - 07/2023</b> |
| <ul style="list-style-type: none"><li>• A camera controller and live feed display built using Flask, Python, and OpenCV, while utilizing the SDK provided by the seller for the Coin612 thermal camera.</li></ul>  |                        |                          |
| <b>OpenCV-C++ Image Segmentation</b>   | <a href="#">GitHub</a> | <b>06/2022 - 08/2022</b> |
| <ul style="list-style-type: none"><li>• Developed a C++ project utilizing OpenCV to efficiently separate and isolate shapes within grayscale images, showcasing expertise in image processing and algorithm development.</li></ul>                           |                        |                          |
| <b>Car Rental Site</b>   | <a href="#">GitHub</a> | <b>01/2023 - 03/2023</b> |
| <ul style="list-style-type: none"><li>• Created a dynamic car rental website using MERN stack covering concepts of REST API.</li></ul>   |                        |                          |
| <b>Society Management System</b>   | <a href="#">GitHub</a> | <b>04/2024 - 05/2024</b> |
| <ul style="list-style-type: none"><li>• A C# window form application with MYSQL as backend data storage and integrating features like Google notifications and forms.</li></ul>  |                        |                          |