

# Ritesh Dharendra Pandit

✉ riteshp2001@gmail.com 📁 Portfolio 🌐 Github in LinkedIn 📞 +91-8356927496

## EDUCATION

- **Saint Francis Institute of Technology** Mumbai, India  
*Bachelor of Technology - EXTC; GPA: 8.5* July 2019 - May 2023  
*Courses: Embedded Systems, Wireless Communication, DSA, DBMS, Network Security, Computer Architecture, Operating Systems.*

## SKILLS SUMMARY

- **Languages:** C++, JavaScript, JAVA, MongoDB.
- **Frameworks:** Next.js, React.js, HTML, CSS, Tailwind, GSAP, Qt (C++).
- **Tools:** JIRA, GIT, Bitbucket.
- **Platforms:** Linux, Web, Windows
- **Soft Skills:** Leadership, Event Management, Writing.

## EXPERIENCE

- **Associate Software Application Developer:** Full-Time  
*Tata Advanced Systems Ltd (TASL), Andheri, India* July 2023 - Present
  - **Upgraded Systems:** Upgraded systems for the **Aakash Army Launcher**, improving functionality and **reliability** for the Indian Army.
  - **Simulator Development:** Developed and delivered simulators for the Aakash Army Launcher, including the **MSU** (Missile Simulator Unit) and **TCC** (Troop Control Centre).
  - **In-House Application:** Created an in-house **QT/AT Module Testing** application to streamline testing processes.
  - **Serial Communication Expertise:** Resolved complex technical issues related to **Serial Communication** in **DHANUSH Guns and Launcher** and **Aakash Army Launcher Systems**, showcasing exceptional **problem-solving** and debugging skills.
- **Web Developer – (Head):** Remote  
*SFIT – Team GATEE, Borivali, India* Dec 2021 – April 2022
  - **Addressed Loopholes:** Identified and resolved **vulnerabilities** and **loopholes** in the product code-base to strengthen **security** and enhance **reliability**.
  - **Fixed Feature Bugs:** Successfully tackled feature-related issues, ensuring a **smoother** and **more efficient** user experience .
  - **Modular Code:** Developed code that is highly **modular**, making it easier to **maintain** and **extend** in the future.

## CAPABILITIES

- **Software Development Methodologies :** Knowledge of **Agile** and **Waterfall** software development methodologies.
- **Windows Application Development :** Expertise in Windows application development using Qt C++, with hands-on experience in creating **cross-platform applications** that offer seamless user experiences and robust performance.
- **Web Development Skills :** Skilled in creating **responsive** and **user-friendly** web applications using **React, HTML, CSS, and JavaScript**. Demonstrated ability to **optimize website performance** and **user experiences**.

## PROJECTS

- **Personal Portfolio** [🔗](#) | **HTML, JavaScript, Tailwind CSS:**  
Created a **professional personal portfolio** to showcase my projects and skills, utilizing my knowledge of **HTML, JavaScript, and Tailwind CSS** for a dynamic and fast user experience. Implemented **responsive design** and **creative animations** with Tailwind CSS, ensuring optimal viewing across all devices.
- **PokéDex Plorer** [🔗](#) | **Vite, Material UI:**  
Developed a comprehensive **Pokémon search and exploration web application** featuring type-based filtering, search capabilities, and dynamic dropdowns. Leveraged **material UI components** for a user-friendly, sleek interface and applied advanced **reactive and debugging skills** to ensure seamless functionality and performance.
- **Minimalistic Front-end Editor** [🔗](#) | **Next.Js, Monaco Editor, React-Split, Tailwind:**  
A comprehensive **HTML, CSS, and JavaScript compiler** inspired from CodePen.io. My platform offers a fully functional code editor with **selectable themes, draggable containers**, and numerous features, including **code suggestions**. The project also includes an **exporting feature** that employs **Blob and JSZip** to facilitate the seamless export of created files.
- **MESA and TEAM GATEE** [🔗](#) | **HTML, CSS, Bootstrap, JavaScript:**  
Designed a **full-featured website** from scratch, handling most of the **CSS, HTML**, and performing **backend-debugging**. Explored different methods to develop both **static** and **dynamic** websites, gaining hands-on experience with **Figma** for web design prototyping. Implemented improvements to the website after completion, resulting in a **21% boost** in load time.

## HONORS & AWARDS

- **HackerRank : Highest Rating (6 star) in Problem-solving** also **Highest Rating (5 star) in Java**.
- **400+ problems solved on different platforms.**
- **Runner's Up at GFG Developers Circle Hackathon - August, 2022**