Daniel Thatu

Virar (W), Maharashtra 401302

📞 +91 9730728411   ✉ danielthatu10@gmail.com   in Daniel Thatu   ○ DanielThatu47

Projects

- **AI Quiz Generator System**   Jan 2024 - May 2024
  - Developed an AI-powered quiz generator system for teachers and learners, increasing the quiz creation **speed by 40%** and **reducing manual effort by 30%** .
  - Using Python, TensorFlow, and Flask to build the back-end API, and React for the front-end UI.
  - Successfully integrated Auth0 for user authentication and MongoDB for database management.
  - Integrated efficient text processing algorithms to handle large datasets and ensure seamless quiz generation.

- **Pet Daycare System**   Jul 2023 - Nov 2023
  - Designed and developed a pet daycare management system, **automating 25% daily tasks** and improving the user experience through intuitive UI.
  - We used Python, Django, and MongoDB for back-end development and Bootstrap for front-end design.
  - Implemented robust **data validation** and **error handling** to ensure seamless booking and service management.

- **NGO System**   Jan 2023 - May 2023
  - Developed a NGO management system, increases **user engagement by 20%** through intuitive search and donation features.
  - We used Python, Django, and MongoDB for backend development and HTML/CSS/Bootstrap for front-end design.
  - Successfully integrated Django admin for easy administration and MongoDB for scalable database management.
  - Developed efficient search mechanisms to handle large NGO datasets and ensure fast search results.

Skills

- **Programming languages:** Java, Python, JavaScript
- **Frameworks/Libraries:** Django, Flask, React, Bootstrap, Tailwind CSS
- **Databases:** MySQL, MongoDB
- **Technologies/Tools:** Amazon Web Services (**AWS**), Jenkins, Git, GitHub
- **Soft Skills:** Teamwork, Project Management, Communication, Leadership

Education

- **B.E in Information Technology (Mumbai University)**   **Dec 2021 - Present**
  St. Francis Institute of Technology   Mumbai, Maharashtra

- **HSC (Maharashtra State Board)**   **Aug 2019 - May 2021**
  St. John XXIII Jr College of Science   Virar, Maharashtra

Achievements

- **Smart Campus Tournament:** (Certificate)
  First prize for the hardware project - A system that detects cracks and fills them automatically

Certification

- **Udemy Web Development Bootcamp 2024** (Certificate)
  - Includes MERN stack: MongoDB, Express, React, Node.js
  - Learned advanced HTML, CSS, and JavaScript. Also Created a simple **full fledged Ecommerce** site using React js and node js. This course deepened our understanding of MongoDB with CRUD operations.

- **JavaScript Essentials By Cisco Networking Academy** (Certificate)
  - Advanced JavaScript competencies acquired, including syntax, data types, and algorithmic thinking.
  - Covered data type selection, simple program development, error handling, software development processes, and program execution in various environments.