Sameeratmaj Pandey

 Sameeratmaj Pandey   Sameeratmaj Pandey Portfolio sameeratmaj.dev1602@gmail.com 8076212515

EDUCATION

B.Tech in Electrical and Electronics Engineering	Aug. 2023 - May. 2027
Indian Institute of Technology Patna	*Current CGPA: 7.3*
Senior Secondary (Class 12th)	May. 2023
RPVV , Gautampuri	*Grade: 88.2%*
Secondary (Class 10th)	April. 2021
RPVV , Gautampuri	*Grade: 91.0%*

PROJECTS

HomeQuest - Home Rental Website | *Dec 2024 - Feb 2025*   **GitHub**

- Developed a dynamic home rental platform using the **MERN stack (MongoDB, Expressjs, Reactjs, Nodejs)**, enabling users to search and list properties seamlessly.
- **Implemented dynamic features** such as property search, filtering, and user-specific recommendations to improve functionality.
- **Optimized backend performance** with RESTful APIs, ensuring secure and efficient communication between the client and server.

Talkie - Real-time Chat Application | *May 2024 - Sept 2024*   **GitHub**

- Developed a real-time chat application using the **MERN stack and Socket.IO** for seamless bidirectional communication.
- Implemented a scalable **Model-Controller-Routes (MCR)** architecture for better code organization and maintainability.
- Integrated **real-time messaging functionality** with efficient socket management for user interactions.

SKILLS

Languages and Frameworks: Java, C/C++, Python, Javascript, Html, Css, MongoDB, Reactjs, Expressjs, Nodejs, Kotlin
Tools: Git, GitHub, Postman, MatLab, Simulink, AndroidStudio, Vercel

COURSEWORK

Electrcial and Electronics Engineering: Microprocessor,Internet of Things, Control Systems, Digital Electronics, Analog circuits, Measurement and Instrumentation, Signals and Systems.

ACHIEVEMENTS

- **Smart India Hackathon (SIH) 2024:** Developed a Smart Irrigation project as part of a team and qualified at the college-level competition.
- Achieved an All India Rank of **6007**, placing in the top **4%** of more than 0.18 million students who appeared for the highly competitive **JEE Advanced examination.**

POSITION OF RESPONSIBILITY AND EXPERIENCE

Student's Association for Alumni Relations(SAAR) | *SubCordinator*   Aug 2023 - Present
Contributed as part of the web development team to enhance alumni engagement by developing and maintaining digital platforms.

Volunteer, Registration and Security (RSP), Celesta | *Technical Fest*   Nov 2023
Contributed to the smooth execution of event registrations and maintained security during one of the premier technical fests.