Manoj Kumar

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Education

VIT University — **Oct 2020 – May 2024**
BTech in Computer Science Engineering — *Vellore, Tamilnadu, CGPA: 8.64*

Rajat Vidyapeeth sr. sec. School — **Jul. 2018 – Mar 2019**
12th — *Sikar, Rajasthan, Percentage: 84*

Adarash Vidyanikten sr. sec. School — **Jul. 2016 – Mar 2017**
10th — *Sri ganganagar, Rajasthan, Percentage: 92*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- IoT
- Java Programming
- Software Methodology
- Database Management
- Blockchain Technology
- Wevdev

Experience

Rancike Private Limited — **Jul 2021 – Aug 2021**
question Creation Intern — *Chandigarh, Punjab*

- Rancike is a full-service digital content creation and marketing agency that specializes in crafting compelling stories and delivering them to your target audience.
- During my internship, I engaged in crafting and solving questions that bridged the realms of mathematics and physics. This role honed my ability to distill complex concepts into concise inquiries and fostered my proficiency in providing comprehensive solutions. It was a dynamic experience that deepened my understanding of both subjects.
- Explored ways to visualize and send a daily report of test results to team members.

Projects

Tap To Pay | *NodeMCU, Arduino* — **Aug 2022**

- Implemented a convenient payment solution for VIT students utilizing RFID tags, Node MCU, and Arduino technology.
- Implemented a convenient payment solution for VIT students utilizing RFID tags, Node MCU, and Arduino technology.
- Integrated RFID technology with Node MCU and Arduino, creating a seamless payment experience.

NFT Marketplace | *React, Solidity, Blockchain* — **Aug 2022**

- Developed an efficient NFT exchange platform to facilitate buying and selling of NFTs.
- Establish a user-friendly interface, optimize transaction processes, and ensure a secure environment for NFT enthusiasts.
- Designed intuitive UI, streamlined buying/selling interactions, and focused on enhancing user experience.

Hazardous Gas and Fire Detection System | *Arduino , IoT* — **Aug 2021**

- Developed an alarm system using Arduino for early detection of hazardous gases and fire in coal mines.
- Employed real-time sensor data to proactively identify potential threats and trigger appropriate alerts.
- Utilized Arduino's capabilities to enhance safety measures, demonstrating technology's role in high-risk environments.

Technical Skills

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Proteus Professional
Technologies/Frameworks: Linux, MongoDb, GitHub, Nodejs, Git
Soft Skills: Communication, Organizational Leadership, Analytical Thinking, Teamwork, Problem Solving

Leadership / Extracurricular

Hindi literary Association — **Winter 2021 – Present**
Member — *VIT Vellore*

- Engaged in various community service projects focused on contributing to social welfare and community development. Engaged in various community service projects focused on contributing to social welfare and community development.
- Enhanced interpersonal skills, teamwork, and empathy through interactions with diverse groups and community members.

AIESEC Student organization — **Fall 2021 – Fall 2022**
Participant — *VIT Vellore*

- Enthusiastically joined AIESEC, a prominent global youth-led organization fostering leadership and cross-cultural exchange.
- Gained valuable insights into teamwork, intercultural communication, and leadership on a global scale.