

Nikhil Nayan

+918969596898 | nayannikhil25@gmail.com | linkedin.com/in/nikhil-nayan | github.com/nikhilnayan

PROJECTS

Employee Leave Management System | PHP, SQL

Aug. 2024 - Sep. 2024

- Designed an interface for employees to easily apply for leave, reducing manual processes by **80 percent**
- Developed tools to generate detailed leave reports, assisting management in tracking employee leave patterns
- Developed a dashboard for managers to review, approve, or reject leave requests, improving decision-making speed
- Enabled employees and admins to track leave balances, history, and approvals, enhancing transparency and reducing errors

Clever-Pocket | Shadcn-UI, Vite, React, Next.JS, Tailwindcss, Drizzle, HONO

May 2024 - Jul. 2024

- Developed a full-stack web application utilizing React for front-end and Node.js for back-end implementation
- Implemented real-time budget tracking and expense categorization using transaction history
- Enabled **CSV upload** functionality for bulk transaction data import, simplifying data management for users
- Integrated secure user authentication and role-based access control to ensure data privacy

Virtual-Mouse | Python, OpenCV, Pyautogui

Mar. 2024 - Apr. 2024

- Designed a system that allows users to control the mouse pointer through hand gestures captured by a webcam
- Implemented real-time hand tracking and gesture recognition using **OpenCV** and **MediaPipe**, enabling seamless mouse movements and actions
- Ensured the system works on various operating systems like Windows, MacOS, and Linux
- Simulated mouse clicks, scrolling, and dragging operations based on specific hand gestures, replacing hardware input

CERTIFICATION

NPTEL: Cloud Computing

Google Cloud: Introduction to Generative AI, Introduction to Large Language Models

Coursera: Prompt Engineering for ChatGPT, Server side JavaScript with Node.js, Develop a Company Website with Wix

GeeksForGeeks: Complete Interview Preparation, Mastering Generative AI and ChatGPT

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, SQL, PHP

Frameworks: React, Node.js, WordPress, Material-UI

Developer Tools: Git, VS Code, Visual Studio, IntelliJ

Libraries: pandas, NumPy, Matplotlib

EXTRA CURRICULAR

Contributed in Community Development

May 2023 – Jul. 2023

Koru Foundation

Jamshedpur, Jharkhand

- Collaborated with TISCO on waste recycling initiatives, impacting over 6,000+ individuals in the community
- Reduced mixed waste by 60 percent within a week by promoting waste segregation practices at offices and residential areas
- Conducted educational workshops with 500+ workers and office staff on efficient waste recycling techniques
- Organized a cleanup drive involving 100+ volunteers, restoring local water bodies and raising environmental awareness

EDUCATION

Lovely Professional University

Jalandher, Punjab

Bachelor of Technology in Computer Science, Minor in Web Development

Aug. 2022 – Jul 2026

Mount Litra Zee School (CBSE)

Jamshedpur, Jharkhand

Higher Secondary Education (PCM with Marketing and IP)

Jun. 2020 – Jul 2022

Bishop WestCott Boy's School (ICSE)

Ranchi, Jharkhand

Secondary Education

Mar. 2017 – May 2020