Shobhit kumar Chaudhary

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EDUCATION

Vellore Institute of Technology   Bhopal, Madhya pardesh
Bachelor of Technology in Computer Science,Minor in Cloud computing and automation   *Oct. 2022 – May 2026*
CGPA: 8.36

St Joseph International School   Jhalwar,Rajasthan
12th,Mathematics   *April 2020– May 2021*
Percentage: 79.2

Career point gurukul school,School   kota,Rajasthan
10th   *April 2018 – May 2019*
Percentage:88

PROJECTS

EMPLOYEE FACE DETECTION | *Python, React, AWS*   August 2023 – October 2024
- Developed a Facial Recognition System using AWS Rekognition to accurately identify and verify employees based on facial features, improving access control and attendance tracking.
- Integrated AWS Services (S3, Lambda, DynamoDB, Rekognition) to enable secure image storage, real-time processing, and efficient database management for employee records.
- Built a Scalable and Secure Architecture, ensuring compliance with data privacy regulations by encrypting and securely storing facial images in AWS S3.
- Designed and Developed a React.js Frontend, providing an intuitive and interactive UI for employees and administrators to manage facial recognition and access control settings.
- Implemented Real-Time Processing for instant face recognition and verification, optimizing system performance for fast and accurate employee authentication.
- Seamlessly Integrated with Organizational Systems, including HR databases and attendance management platforms, to automate employee verification and enhance workplace security.

TASKIFY | *HTML/CSS, Javascript,Django REST Framework*   January 2024– May 2024
- Developed a Task Management System using Django and Machine Learning (Random Forest) to predict and optimize task assignments based on historical data
- Implemented Machine Learning-Powered Task Prediction, improving task allocation efficiency by leveraging the Random Forest algorithm for intelligent task suggestions.
- Designed and Developed a Scalable Django Backend, integrating RESTful APIs for seamless communication between frontend and backend.
- Built a Real-Time Task Tracking System, allowing managers and employees to monitor project progress dynamically for enhanced productivity.
- Engineered an Intuitive and User-Friendly UI, ensuring a smooth task management experience through responsive frontend design.
- Optimized Performance and Scalability, implementing database optimizations, caching strategies, and efficient API handling to enhance system robustness.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL , JavaScript, HTML/CSS
Frameworks: React, Node.js, MangoDB,Django REST FRAMEWORK
Developer Tools: Git,Github, Google Cloud Platform, VS Code, Visual Studio, PyCharm,Jupyter Notebook , AWS
Libraries: pandas, NumPy, Matplotlib