SAMEER RAJA SHAIK

Programmer, Software Developer

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in linkedin.com/in/sameerraja31/

EXPERIENCE

Software Engineer
Anuta Networks

📅 July 2021 – Dec 2021   📍 Banglore, IN

- Worked on a Machine Learning project which forecasts the device resource usages for a given particular time
- Redesigned sites to enhance navigation and improve visual appeal.
- Experienced with **ReactJs**, **NodeJs** for the frontend development.
- Handled machine learning projects to make model predict and forecast on the live streaming data and also update those records to the database.
- Utilized **Jenkins CI/CD** pipelines to automate the build, test, and deployment processes for projects.
- Completed code debugging and implemented fixes to resolve problems based on priority system.

Technical Lead
KLEF

📅 Aug 2019 – Apr 2021   📍 Andhra pradesh, IN

- Participated in the Kognitiv Club, gaining practical experience in machine learning and deep learning.
- Undertook real-world projects and deepened understanding of AI, while developing practical skills.
- Maintained thorough understanding of all key and current technologies, platforms and trends.
- Through this position got experienced with different technologies and languages - python, JavaScript, Machine Learning, HTML, CSS.
- Organized, scheduled and facilitated 1 week long courses based on need.
- Developed assessments and user polls to evaluate course effectiveness, altering content and delivery to achieve student learning goals.
- stored and managed MongoDB database for projects

Software Engineer Intern
Metacognition

📅 July 2020 - Dec 2020   📍 Hyderabad, IN

- Designed and developed the user interface for a web application using **React JS** as core, utilizing strong skills in front-end development and interfacing with back-end services using **Nextjs**.
- Demonstrated proficiency in database management, including storing and managing data in various formats where we have used MongoDB as our DB.
- Worked on cloud services from **Microsoft Azure** for authentication of the application.
- Collaborated with team members to plan and prioritize work during the daily scrum meetings, ensuring effective task distribution and timely completion.
- Utilized **GitHub** as the primary version control system for the project, regularly committing and pushing code changes to the repository.

LIFE PHILOSOPHY

"If you don't have any shadows, you're not standing in the light."

STRENGTHS

Hard-working   Persuasive

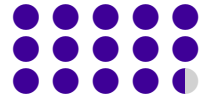Strategic Thinking   Motivator & Leader

creative Mindset   Problem Solving Skills

LANGUAGES

English
Hindi
Telugu

EDUCATION

M.S. in Computer Science
University of Missouri-Kansas City

📅 Jan 2022 – July 2023

B.S. in Computer Science and Engineering
Koneru Lakshmaiah University

📅 Mar 2017 – April 2021

CERTIFICATIONS

- Globally Foundation level certified
  Codechef

- RPA Developer Advanced Certified
  UiPath

- Algorithms Specialization
  Coursera

- Certified associate in Java and DBMS
  Oracle

- Python Certified
  HackerRank

- Machine Learning Specialization
  Udemy

Peer Mentor and Lab Developer

KLEF

📅 May 2019 – May 2020   📍 Vijayawada, IN

- Mentored undergrads in machine learning coursework, offering guidance and support for academic success.
- Worked on advancement of Artificial intelligence and Machine Learning.
- Helped the students by clarifying their doubts during the lab sessions.
- Worked on several Online courses in the platform of Artificial Intelligence
- Conducted class and lab sessions to reinforce machine learning concepts and improve student outcomes.
- Worked as lab Developer for Artificial Intelligence, Machine Learning

PROJECTS

Heart Disease Prediction

- Utilized **decision trees**, **artificial neural networks** (ANNs), and **random forest** for heart disease prediction.
- Performed data preprocessing and feature engineering to ensure high-quality input for the algorithms.
- Employed feature selection techniques to identify the most relevant features for accurate predictions.
- Implemented machine learning models using **Python**, leveraging libraries such as **scikit-learn**, **TensorFlow**, and **Keras**.
- Assessed model performance using cross-validation and evaluation metrics such as accuracy, precision, recall, and F1 score.
- Developed skills in data preprocessing, **feature engineering**, model selection, and evaluation, along with a solid understanding of cardiovascular domain expertise.

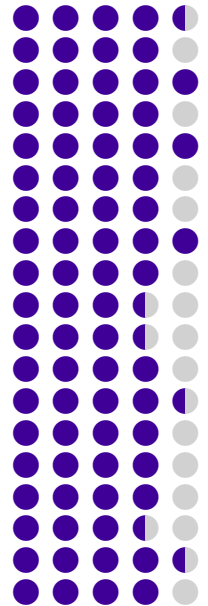## Attendance Management System Using OpenCV

- Utilized **OpenCV**, a computer vision library, to enable classroom CCTV cameras to capture pictures at specific time intervals.
- Implemented the **MTCNN** (Multi-task Cascaded Convolutional Networks) library for automatic student identification and face detection in the captured images.
- Integrated **machine learning** techniques to recognize and match student faces, enabling automatic attendance marking.
- Developed a user interface using **React.js** and **Next.js** to provide a user-friendly experience for accessing attendance data.
- Implemented functionality to update the attendance data directly to the Moodle account of the respective faculty, ensuring seamless integration with the learning management system.

React To-do App

- Developed a web-based To-Do Application using **React.Js**, a popular **JavaScript** library for building user interfaces.
- Implemented user authentication and sign-up functionality, allowing users to create accounts and securely log in.
- Provided a user-friendly interface for users to create and manage their tasks, including adding new tasks, editing existing tasks, and marking tasks as completed.
- Integrated **Google Firebase**, a cloud-based platform, for data storage, real-time updates, and efficient handling of user tasks.
- Stored user tasks and their completion status in a Firebase database, ensuring persistent and synchronized data across devices.

SKILLS

C	●●●●◐
Java	●●●●○
Python	●●●●●
JavaScript	●●●●○
HTML	●●●●●
CSS	●●●●○
Node.js	●●●●○
React.js	●●●●●
Next.js	●●●●○
Flutter	●●●◐○
Firebase	●●●◐○
MySQL	●●●●○
MongoDB	●●●●◐
AWS	●●●●○
Azure	●●●●○
Docker	●●●●○
Jenkins	●●●◐○
Git	●●●●◐
JIRA	●●●●○

EVENTS

- Delivered comprehensive explanations of Machine Learning concepts to students as part of the Kognitiv Club, fostering their understanding of key principles and techniques in the field.
- Organized and facilitated a Technical-based event during Samyak 2K19 Fest, providing a platform for students to showcase their technical skills and knowledge.
- Volunteered as a mentor during the "wow @week of welcome" program, guiding junior students and acquainting them with the university's rules and regulations.
- Coordinated the Google AI|Explore ML workshop sessions, ensuring smooth operation and efficient management of the programm. Delivered important insights on Machine learning and provided various resources to develop their skills.

DIGITAL PROFILES

- linkedin.com/in/sameerraja31/
  LinkedIn

- github.com/SameerRaja2331
  Github

- hackerrank.com/S1331200
  HackerRank

PROFESSIONAL SUMMARY

- Software engineer with diverse experience in developing and implementing software applications, utilizing technologies such as Python, Django, Flask, ReactJS, and NodeJS.
- Proficient in machine learning projects, including forecasting device resource usage and real-time data prediction and updating.
- Skilled in front-end development, redesigning sites to enhance navigation and visual appeal using ReactJS and NodeJS.
- Experienced in utilizing Jenkins CI/CD pipelines for automated build, test, and deployment processes.
- Demonstrated expertise in debugging code and implementing fixes to resolve problems.
- Technical lead with a strong background in machine learning and deep learning, working on real-world projects and gaining practical skills in AI.
- Proven ability to organize and facilitate courses, assess learning effectiveness, and manage MongoDB databases.
- Software engineer intern with experience in designing user interfaces using ReactJS, interfacing with back-end services, and utilizing Microsoft Azure cloud services for application authentication.
- Peer mentor and lab developer, offering guidance and support to undergraduates in machine learning coursework, reinforcing concepts and improving student outcomes.
- Developed the Attendance Management System using OpenCV and integrated machine learning techniques for automatic attendance marking.
- Designed a user-friendly interface using React.Js and Next.Js for accessing attendance data.
- Developed the React To-do App, including user authentication, task management, and integration with Google Firebase for data storage and synchronization.
- Utilized Microsoft Azure cloud services for application authentication and deployment.
- Collaborated with team members to plan and prioritize work, ensuring timely completion of tasks during daily scrum meetings.
- Leveraged GitHub as the primary version control system, maintaining code repository and ensuring efficient collaboration.
- Developed practical skills in AI through real-world projects and staying updated on key technologies, platforms, and trends.
- Organized and facilitated one-week-long courses based on the needs of the participants, ensuring effective learning outcomes.
- Designed and developed user interfaces for web applications using React JS as the core technology, with a focus on front-end development.