NITIN KUMAR MAGDUM

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PROFESSIONAL SUMMARY

- As a React developer, I have a strong understanding of the fundamental principles of web development and possess a knowledge of the React Library. With 6 Months of experience working with React, I have developed the ability to build robust and scalable applications with ease. I am adept at writing clean and maintainable code, as well as designing elegant user interfaces that are both intuitive and visually appealing.
- A track record of building reliable apps, efficient databases, and responsive and aesthetically pleasing user interfaces.
- Strong problem-solving skills and a team-oriented attitude, committed to producing high-quality code and outstanding user experiences in each project they work on
- Strong communication skills are essential in any workplace. I have been able to effectively communicate technical ideas to both technical and non-technical stakeholders. Additionally, as a team player, I am able to work effectively in a team setting, collaborate with others, and provide constructive feedback.
- As a quick learner, I can adapt to new technologies, programming languages, or tools quickly. I have a strong sense of initiative, am willing to learn, and possess good problem-solving skills. Additionally, your ability to manage projects effectively means that you can prioritize tasks, set realistic goals, and deliver tasks

TECHNICAL KNOWLEDGE

STRONGEST AREA: Machine Learning | Deep Learning | Django | React JS | Databricks | ADF

LANGUAGES & TECH: Python | SQL | Express JS | Git | Node Js | Redux

WORK EXPERIENCE

IME Technologies: (May-2023 to Present)
Data Engineer | May 2023 - Present

- Leveraged extensive hands-on experience with Apache Databricks and PySpark to expertly manage and transform data, facilitating seamless integration with data science and data visualization teams. This proficiency enabled the preparation of high-quality, analysis-ready datasets, empowering these teams to derive meaningful insights and create compelling visualizations for strategic decision-making.

- Combining my data engineering expertise with frontend development skills in React, I actively contributed to product development initiatives. Additionally, I harnessed the power of Firebase for real-time database management, seamlessly integrating data-driven insights with user interfaces. This multifaceted approach ensured that data-driven decisions and real-time updates were at the core of our product development process.

Agiliad Technologies: (Oct-2022 to March-2023)
Software Engineer | Oct 2022 - March 2023

- six months of working with React, I have a good understanding of the basics of the library and be comfortable building simple to moderately complex applications. You should be familiar with concepts such as component hierarchy, state management, props, and JSX syntax. You may have also worked with popular tools and libraries like React Router, Redux, and Axios

- With six months of experience, I have also encountered and solved several common problems and errors that can occur when working with React. You should be comfortable debugging code and finding solutions to issues on your own, as well as working collaboratively with others on a team

PERSONAL PROJECTS

Hand Gesture Interface Based Touchless Exploration of Medical Images Using Deep Learning Approaches

The hand sign can be classified under many headings, such as posture and gesture, as well as dynamic and static. Human-Computer Interaction (HMI) is useful in sterile environments such as operating rooms (OR) where surgeons need to interact with images from scanners of organs on screens. Contamination issues may happen if the surgeon must touch a keyboard or the mouse. In order to reduce contamination and improve the interactions with the images without asking another team member, the process is carried on. In order to detect the signs, deep learning methods have been programmed using a Convolutional Neural Network. For such development, this model will be working with Convolution Neural Network, with different classification methods. Rotation, Information, Zoom-In, and Zoom-Out images on the screen according to the recognized sign

Covid Detection of X-Ray Image Using Transfer Learning

COVID is commonly detected by RT-PCR tests, which are time-consuming and relatively expensive. The need for faster, cheaper, and more precise diagnostic tools raised the demand for the utilization of technology and artificial intelligence for this purpose. This study aims to build a robust deep learning algorithm using convolutional neural networks (CNNs) that is capable to classify chest X-ray images into COVID-19, viral pneumonia, and normal cases. X-ray is a safe and inexpensive imaging system that is available at all hospitals and healthcare centres.

Car Price Prediction Using Random Forest Algorithm

This is a flask web app which predicts the price of used Cars trained on the top of the Random Forest Regressor model. The dataset contains information about used cars taken from Kaggle listed on cardekho The trained model takes data from used cars as input and predicts the Car Price as an output.

ACHIEVEMENTS

- Runner Up in Troubleshooting at SGU(2021)
- Runner Up in Master Presenter at SIT(2021)

EDUCATION

DKTE'S Textile and Engineering Institute-An Autonomous Institute, Ichalkaranji   Aug 2019 - July 2022
Bachelor of Technology in Electronics Engineering

D.K.T.E. Society's Yashwantrao Chavan Polytechnic, Ichalkaranji   July 2015 - July 2018
Diploma in Electrical Engineering,

Sanmatti Vidyalaya, Tardal   April 2013 - April 2014
S.S.C

VOLUNTEER WORK AND EXTRACURRICULAR ACTIVITIES

- Worked as a Technical Head in EESA Committee
- Worked as a President of EESA(2017-2018)

- Worked as a Quiz-Head of Tech Bee at DKTE