Yashwanth Kumar Pasupuleti

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Linkedin | My Portfolio
yash.paspuleti@gmail.com

Skills

- **Programming Languages** : HTML, CSS, Python, TypeScript, Javascript
- **Libraries and Frameworks** : React, Node.js
- **Tools** : PostgreSQL, AWS, Docker, Terraform, GitHub, JIRA

Experience

Junior UI Engineer   Dec 2024 - Present
Caspex Tech LLP (Contract for Experian)

- Engineered responsive UI components for the Ascend Global Sandbox Platform using React, ensuring precise implementation of complex Figma designs.
- Strengthened application stability by developing and maintaining unit tests utilizing Vitest.
- Automated application deployment across diverse environments by creating Docker images and configuring Jenkins pipelines.
- Managed tasks within an Agile SDLC using Jira and produced comprehensive technical documentation.
- Supported data-driven features by working with Jupyter Notebook and foundational AWS services.

Projects

Identifying Bird Species Using Audio Recordings:

- Developed a machine-learning model for bird species identification using audio recordings, collecting and preprocessing diverse datasets for a comprehensive training set.
- Implemented machine learning algorithms for categorization based on audio features, achieving 95% accuracy with resNet-50v2 and 75% with efficientnetb5.
- Conducted comparative experiments highlighting ResNet-50v2's superior accuracy and faster training, acknowledging the model performance vs. training time trade-off.

Portfolio Website

https://yash-pasupuleti.netlify.app/

- Technologies: React (Hooks, State Management), HTML5/CSS3, JavaScript, Netlify (Deployment), Formspree(Email message).
- Developed and deployed a professional, mobile-responsive portfolio using React to showcase technical projects and skills.
- Engineered a custom Dark/Light Mode toggle, enhancing user experience and accessibility.
- Implemented direct contact functionality to send messages to personal email and a one-click Resume Download feature.

Education

University Of Hertfordshire   2023
MS

Jawaharlal Nehru Architecture & Fine Arts University   2018
BE/B.Tech/BS

Certifications

Specialized in Software Development & Problem Solving | Scaler 2024
The Complete JavaScript Course 2024: From Zero to Expert! | Udemy 2024
Build Responsive Real-World Websites with HTML and CSS | Udemy 2023