Shristika Adhikari

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EDUCATION

- **Biju Patnaik University Of Technology**　　　　　　　　　　　　　　　　Odisha, India
  Bachelor of Technology - Electronics and Telecommunication; CGPA till 6th Semester: 8.4　　Nov 2021 - May 2025

SKILLS SUMMARY

- **Languages**:　　Python, C, C++, JavaScript,HTML,CSS SQL, JAVA
- **Frameworks**:　　React.js, TensorFlow, Keras, Scikit-learn , Laravel, Node.js,Next.js, TypeScript, TensorFlow, Django, Flask
- **Tools**:　　GIT, Git-hub, MySQL, SQLite, Figma, WordPress, Web-Socket
- **Technical**:　　Linear Regression, Logistic Regression,Support Vector Machines, Naive Bayes, K-Means, Hierarchical Clustering, CNNs, RNNs, LSTM, Matplotlib, Seaborn, Pandas, NumPy, LLM

EXPERIENCE

- **Rework AI**　　　　　　　　　　　　　　　　　　　　　　　　　Remote
  Software Engineer Intern (Remote)　　　　　　　　　　　*February 2024 - October 2024*
  - **Development**: Enhanced and created responsive web pages using HTML5, CSS3, JavaScript, Tailwind CSS and react. Engineered a real-time video calling platform using Web-Sockets, ensuring seamless communication.
  - **Libraries**: Implemented Kafka for efficient event-driven communication and Node.js for back-end scalability, and developed a collaborative coding platform with Kafka, docker and Node.Js, fostering teamwork.
  - **Integration and collaboration**: Successfully implemented and maintained API integrations, ensuring seamless communication between diverse systems and enhancing overall platform functionality and Proficiently utilized Git, GitHub and Vercel for code collaboration

- **PMN Patralok(Punama Innovation)**　　　　　　　　　　　　　　　　Remote
  Software Developer Lead Intern (Remote)　　　　　　　　　*October 2023 - March 2024*
  - **Web development**: Led and managed a team of 6 to 7 interns, achieving a significant percentage improvement in project efficiency and output through effective leadership and management.
  - **Libraries**: Employed jQuery, PHP and Bootstrap libraries to expedite front-end and backend development, leading to a 40% reduction in time spent on UI implementation and a boost in overall team efficiency.
  - **Frameworks**: Pioneered the integration of React and Laravel frameworks, empowering the creation of dynamic user interfaces, resulting in a 25% increase in user engagement and a 15% boost in conversion rates.
  - **Version control and Troubleshooting**: Proficiently utilized Git and GitHub for code collaboration and resolved PMN page front-end issues, ensuring seamless website performance.

- **Teach for India NGO**　　　　　　　　　　　　　　　　　　　　Remote
  English Tutor (Volunteer)　　　　　　　　　　　　　　*October 2023 - Present*
  Fostered communication and collaboration by actively engaging with fellow volunteers, teachers, and NGO staff to orchestrate activities and exchange best practices.

- **Grey nodes**　　　　　　　　　　　　　　　　　　　　　　　　Remote
  Technical content writer(Freelance)　　　　　　　　　　　*April 2023 - June 2023*
  - **Technical content**: Adhered to company policies and editorial guidelines while producing comprehensive and well-crafted technical content.　　Produced documentation that elucidate the product's features and benefits.

PROJECTS

- **Criminal Face Recognition System using Yolov8 and FaceNet (Python, Deep Learning, Yolo)**: Designed an integrated face recognition system using Yolo v8 and FaceNet providing an accuracy of 97.6% to identify criminals in real time effectively. (Dec'25)
- **Spoof Detection (Tensorflow.js, Python , Flask, MobileNet, CNN , Deep learning)**:　The objective of this project was to develop an interface for face anti-spoofing model using deep learning techniques to distinguish between real and spoofed faces. Initially, the code organizes the dataset by creating new directories for training and testing, and then splits the dataset into these directories. Dataset and Libraries: XML, Kaggle, Roboflow(July '24)
- **CodeGreez(React js, JavaScript, Node.js ,Machine Learning, Python)**: This is a real time time code editor which is proctored by AI . This aims to provide the interviewer to test the candidate in real-time proctored environment. (May'24)

VOLUNTEER EXPERIENCE

- **Coordinator of TCS nqt**　　　　　　　　　　　　　　　　　　Odisha, India
  Orchestrated and facilitated the successful execution of the TCS NQT examination on the campus.　　*July 2023*

- **Volunteer in NSS**　　　　　　　　　　　　　　　　　　　　　July 2023