PRITI PRIYA DAS

Bachelors in Technology
Computer Science & System Engineering
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EDUCATION

Degree	Institute	Board / University	Year
Graduation (CGPA 8.65)	Kalinga Institute of Industrial Technology, Bhubaneswar	Deemed	2024
Senior Secondary	St.Xavier's High School, Kedargouri, Bhubaneswar	CBSE	2020
Matriculation	St.Anne's Convent School, Mayurbhanj, Baripada	ICSE	2018

PUBLICATIONS

- **A Normalized ANN Model for Earthquake Estimation** *IEEE, 2023*

  Dibyendu Mehta, Priti Priya Das, Sagnik Ghosh, Sushruta Mishra
  – Developed a Deep Learning model to estimate the magnitude of an earthquake
  – Published in 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC 2023)
- **Interconnected Hospitals Using IOT** *Springer, 2022*

  Subhra Debdas, Prem Shah, Maddhuja Sen, PRITI PRIYA DAS, Abhiyankar Shakti, D. Varma
  – IoT in interconnected hospitals facilitates real-time patient monitoring & efficient asset management.
  – European Alliance for Innovation (EAI) International Conference on Intelligent Systems and Machine Learning (ICISML 2022)

WORK EXPERIENCE

- **Salesforce Developer Virtual Internship Program**

  May 2023 - July 2023
  – Executed a targeted training program for aspiring developers, resulting in a 50% acceleration of skill acquisition in the Salesforce platform and technologies.
  – Achieved "Salesforce Virtual Internship Program certification" following 2 months of successful program.

- **Crupid Technology Solution LLP, Research Intern**

  December 2022 - February 2023
  – Co-authored a research paper that enriches the Industrial IoT domain, providing insights into its application and challenges, thus contributing to the field's knowledge base.
  – Gained extensive hardware knowledge during 2 months of industry exposure, fostering a deep understanding of Industrial IoT systems and components.

PROJECTS

- **Air Quality Index Predictor**

  Machine learning, React.js, Jupyter Notebook, Flask, Pycharm, Data Visualization, Recharts **Github**
  – Achieved 95% accuracy with LGBMRegressor, deployed using Flask for real-time AQI predictions.
  – The website showcases AQI prediction results within a rapid 3-second timeframe, offering graphs and various features for instant access and analysis of AQI data.

- **Weather App with ReactJS**

  ReactJS, HTML, CSS, Javascript **Github**
  – Developed a React-based real-time weather application achieving swift data retrieval from the Open Weather API within a mere 5 seconds.

- **Real-time facial emotion recognition**

  Using Deep learning, Machine learning, python **Github**
  – Applied advanced deep learning methods to accurately identify emotions from facial expressions, achieving a precision rate of 94%.

SKILLS

- **Programming Languages** C, C++, SQL, HTML, CSS, Javascript
- **Tools and Frameworks** Jupyter Notebook, Flask, R Studio, React JS, Bootstrap, Github, VS Code
- **Tech Stack** Cloud Computing, Data Science, Machine Learning/Artificial Intelligence, Front-End
- **Soft Skills** Communication, Teamwork, Adaptability, Digital art, Project Management

CERTIFICATIONS

- **Secured 15th rank @hackdecember** CODING NINJAS
- **Achieved Basic and Intermediate Technical skills certificates on** HackerRank
- **Participated in Seventh edition of conference** TEDxKIITUniversity
- **Received INR 1500 Welcome Kit for notable contributions and impact** Skill lync
- **Speaker at** ICAAIC 2023