

Nibeel Yunus

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Experience

- AI/ML Research and Development Intern** On-site
Jan 2024 - Present
ValueFoc Technologies / Bluecast Technologies, Ernakulam
 - Led a groundbreaking AI project on voice processing and comparison for ValueFoc Technologies and Bluecast Technologies, driving collaboration and resource sharing between the companies.
 - Spearheaded the development and fine-tuning of wav2vec2 models, enhancing speech-to-phoneme conversion and enabling precise voice comparison metrics.
 - Directed preprocessing of audio data, improving the dataset's quality for more accurate machine learning model training.
 - Oversaw cross-company teams, facilitating integrated research and technology development to achieve project milestones efficiently and cohesively.
- Laravel Full-Stack Development Intern** On-site
June 2021 - Dec 2021
DAX Ads, Kannur
 - Led UI/UX design using Figma and front-end development with HTML/CSS, creating a responsive and engaging recipe e-commerce platform.
 - Engineered a comprehensive backend system using Laravel, incorporating functionalities for recipe display, shopping, and bookmarking.
 - Constructed a robust database to facilitate recipe uploads, ingredient transactions, and user interactions, optimizing site performance and user experience.

Education

- Master of Computer Application - MCA** CGPA 9.32
2022 - Present
Manipal Institute of Technology, MAHE
- Bachelor of Computer Application - BCA** 74.85%
2018 - 2021
Pana Institute of Undergraduate Studies, Mangalore University
- Pre University - Computer Science (PCMC)** CGPA 6.9
2016 - 2018
Bharatiya Vidya Bhavan's, CBSE

Skills

- AI/ML** : Python, TensorFlow, Keras, PyTorch, Deep Learning, Generative AI models (GPT, transformers), Autoencoders, Fine-tuning, Data Collection, Data Preprocessing, Scikit-learn, ML algorithms, NumPy, Pandas, Matplotlib, Seaborn, SciPy.
- Front-end** : Next.js, React.js, HTML, Vanilla-CSS, Bootstrap, JavaScript.
- Back-end** : PHP, Laravel, Node.js.
- Database** : MySQL, MongoDB.
- UI/UX** : Figma.
- Languages** : C++, Java, Python, JavaScript, PHP.

Projects

- Profile Mates (2023)**
Led the development of a resume maker web application as a Front-end Developer using React.js, enabling users to create professional resume and portfolio with ease and efficiency.
Tools/Technologies used : React.js, Html, TailwindCSS
- Portfolio (2023)**
Successfully developed and curated a professional portfolio highlighting my skills and accomplishments in Web Development.
Tools/Technologies used : Html, Javascript, Bootstrap
- Divine Recipe (2021)**
Designed and developed a recipe-sharing web application as a Full-Stack Developer using Laravel, empowering users to discover, save and purchase ingredients for their favorite recipes with seamless integration of e-commerce functionality.
Tools/Technologies used : Html, Javascript, Bootstrap, PHP, Laravel, SQL

Certificates

- Neural Networks and Deep Learning - DeepLearning.AI [2024]
- Cloud Computing Law : Data Protection and Cybersecurity - Queen Mary University of London [2023]
- React Basics - Meta [2023]
- Getting Started with Redis and RediSearch - Google Cloud Training Online [2023]
- MongoDB and the Document Model - MongoDB [2023]
- Laravel Full Stack - DAX Ads [2021]
- Python Data Structures - University of Michigan [2020]

Achievements

- First place in Coding (01/2019)**
Secured First prize in the CIPHER event in SCIENTICA, a National Level Inter-collegiate Science and IT Fest organized by Canara College, Mangalore.