

Nikhil Praveen

Software Developer at UST

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PROJECTS

Fake News Detection Website

Created a system to identify fake news leveraging Domain Adversarial Neural Network (DANN) for improved accuracy. Utilized TensorFlow and Keras for model training, and implemented the system with a Next.js frontend and Flask backend.

SecureMind

Developed a website that allows users to anonymously report crime incidents, raising awareness and facilitating access to mental health support tailored to their needs. The platform is built using Angular, .NET, and Microsoft SQL Server.

Resume Parser

Developed a resume parsing and PDF generation application using FastAPI and React, enabling users to upload resumes, extract structured data, and generate clean, styled PDF versions. Integrated authentication with JWT, used DSPy and Azure OpenAI for intelligent text summarization, and implemented dynamic formatting features including bold highlights and multi-page support.

EXPERIENCE

Software Developer

UST

2024-07 – present

Kochi

Trained in developing and deploying Microservices-based applications using ASP .NET Core Web API, .NET MVC, MS SQL Server, and Angular. Gained hands-on experience in containerizing these applications and deploying them to Azure as Web Apps. Proficient in setting up and managing databases on Azure, as well as testing applications with mock data to ensure functionality and performance.

Teachnook Internship

Trained in HTML, CSS, JavaScript, and Bootstrap to design responsive websites. Experienced in integrating public APIs to fetch and display data, ensuring an optimal user experience.

NeST Internship

Trained in basics of machine learning using scikit-learn, keras and pytorch

EDUCATION

B.Tech in Computer Science

Mar Athanasius College of Engineering, Kothamangalam
Graduated with 8.43 CGPA

2020 – 2024

CBSE

Chavara CMI Public School Pala
Computer Science Batch
Graduated with 9.54 CGPA

2018 – 2020

CBSE

Marian Senior Secondary School, Kottayam
Passed with 8.4 CGPA

2017 – 2018

TECHNICAL SKILLS

Asp .Net Core Web API

SQL (MySQL and MS SQL Server)

Python

Java

React and Angular

Microsoft Azure Certified (AZ-900)

C Programming

Data Structures