

VAISAKH UNNIKRIISHNAN

PYTHON DJANGO DEVELOPER



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20th January 1994



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SUMMARY

To secure a position in IT development that would entrust me with an opportunity to use my knowledge in web development, open to learning/re-learn new skills and improving existing ones to deliver maximum value to the company to help achieve its goals in line with its mission, vision and corporate values.

SKILLS

- Python
- Problem Solving and Debugging
- Object Relational Mapper Libraries Familiarity
- Django web framework
- MySQL
- HTML, CSS, Bootstrap and JavaScript
- Software development best practices and design patterns
- Data Analysis
- Data visualization (Tableau)
- Statistical Programming

PROJECTS

Multi-User Retail Management System

Web developer

- “Multi-User Retail Management System” is a web application designed to streamline and optimize the operations of a retail shop.
- The application supports multiple user roles, including admin, staff, dealer, and customer, each with its own set of permissions and capabilities.
- Admins can manage inventory, staff, and dealers; staff can process sales and handle customer inquiries; dealers can place orders, and customers can browse products and place orders.
- The system is built using Python Django and provides a user-friendly interface for all users.
- The front-end design is accomplished through template customization and the utilization of CSS, Bootstrap, and JavaScript technologies.

Some of the benefits include:

- Real-time visibility into all facets of your business.
- Elimination of many IT maintenance and integration costs.
- Heightened productivity as duplication of effort and conflicting responsibilities are eliminated.
- Better communication among departments and more harmonized operations.

Crop Yield Prediction

Data science Trainee

- Using feature engineering and exploratory data analysis (EDA), I created a feature set for determining the most important factors for predicting crop yield.

Some of the benefits include:

- Creating a highly accurate predictive system using machine learning.

EDUCATION

Bachelor of Engineering in Electronics and Communication

Noorul Islam University • CGPA 7.6/10

PG COURSES

Python Django Full Stack

Trinity Technologies Software Training Institute • Oct 2022-May 2023

- A comprehensive course covering full-stack development using Python and Django.
- Gained proficiency in web development using Django
- Database management using SQL
- Front-end technologies such as HTML, CSS, Bootstrap, and JavaScript.
- Developed multiple web applications as projects, demonstrating the ability to apply these skills in practice.

Data Science and Analytics.

ICT Academy of Kerala, India • Feb 2022-Aug 2022

- Obtained, processed, and transformed data.
- Used appropriate models of analysis, derived insights from results & investigated potential issues.
- Applied computer theory, languages, & algorithms as well as mathematical and statistical models & principles of optimization to formulate and used data analysis.
- Formulated & used models of analysis to solve hidden solutions to business-related challenges.

NEBOSH IGC Occupational Health and Safety.

Petrotech Safety Solutions, Kerala, India • Dec 2017-May 2018

- The course is designed to reflect the needs of today's employer giving learners everything they need to know and do to make their workplace safer.
- It covers topics such as hazard identification and control, workplace safety, fire safety, environmental management, and more.

WORK EXPERIENCE

Khansaheb Civil Engineering LLC,Dubai

HSE Officer • Jan 2019 - Sep 2022

- Worked as HSE Officer/Inspector in various divisions ensuring and advising legal compliance and company standards being implemented in workspaces.
- Worked with the Application development team to create a new web application for the safety department. (1 year)
- To develop a digital solution for the safety department, enhancing incident reporting, data collection and storage efficiency.
- Worked on the backend part of the application in django using python to create APIs and maintaining database.
- Worked on the frontend to develop and improve the user interface and to integrate APIs.
- I took part in testing the application with different employees and reporting technical issues and design development.

LANGUAGES

- | | |
|-------------|---------|
| • English | • Hindi |
| • Malayalam | • Tamil |