



# MUHAMMED NIBRAS

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## PROFILE

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Recent BTech Computer Science graduate with a strong interest in software development and hands-on experience in Python, Java, C, HTML, and CSS. Familiar with core programming concepts like object-oriented programming, data structures, and basic algorithms. Built a Smart Career Recommendation System for my final year project, which involved coding, working with machine learning libraries, and creating a simple user interface. Eager to learn, improve, and contribute as a junior developer in a collaborative team environment.

## EDUCATION

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### Bachelor of Technology in Computer Science

**OCT 2021 - JUNE 2025**

College of Engineering Thalassery, Kannur Kerala India

### Higher Secondary XII

**MAY 2019 - MAY 2021**

Bharatiya Vidya Bhavan , Kannur , Kerala India

## PROFESSIONAL EXPERIENCE

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### Internship - Content Creation and Animation

**Feb 2022 - May 2022**

- Gained hands-on experience with tools and techniques used in multimedia production.
- Collaborated on various creative projects, enhancing visual storytelling and design skills.

Completed a 12-week internship at doITnow Technologies focused on content creation and animation. Gained hands-on experience with digital media production, including motion graphics, video editing, and asset optimization. Collaborated with creative teams to deliver high-quality animated content using industry-standard tools and workflows.

## PROFESSIONAL DEVELOPMENT

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### EMBEDDED AI WORKSHOP

**JULY 2024**

Conducted by : IIT Palakkad Technology IHub Foundation

Participated in an intensive workshop focused on Embedded Artificial Intelligence (AI) technologies, utilizing Jetson Nano and YOLO (You Only Look Once) for hands-on experience in training models and connecting devices in real-time systems and IoT environments. Explored sensor data processing and practical implementations of AI algorithms in embedded systems, enhancing proficiency in deploying AI solutions

### DEVOPS TRAINING

**OCT 2022**

Conducted by : NIT Calicut

Completed a hands-on training program focused on the core principles of DevOps, including version control using Git, continuous integration and deployment, and cloud infrastructure management. Gained practical experience working with AWS and Microsoft Azure, developing skills in automating workflows, deploying scalable applications, and managing cloud-based environments.

## PROJECTS

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### SMART CAREER RECOMMENDATION SYSTEM USING MACHINE LEARNING & DEEP LEARNING ALGORITHMS

- Built a career prediction engine using Decision Trees, KNN, and Artificial Neural Networks (ANN) on academic and skill-based datasets.
- Applied data preprocessing, feature selection, and hyperparameter tuning using Pandas, NumPy, and Scikit-learn pipelines.
- Trained deep learning models with TensorFlow/Keras to identify complex user input patterns for accurate recommendations.
- Deployed the solution with Flask and a responsive front-end, enabling real-time predictions and user feedback integration.

### REAL-ESTATE MANAGEMENT SYSTEM

- Developed a full-stack web application to streamline real estate deal management, including property listings, client records, and transaction tracking.
- Designed responsive frontend interfaces using HTML, CSS, and JavaScript for smooth user experience and intuitive navigation.
- Implemented backend functionalities using PHP and integrated MySQL for dynamic data storage and retrieval.
- Enabled CRUD operations, user authentication, and admin controls to ensure secure and efficient management of real estate workflows.

## CERTIFICATION

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### PROGRAMMING FOR EVERYBODY (PYTHON)

**MARCH 2022**

Conducted by : University of Michigan (Coursera)

Completed an in-depth course designed to introduce fundamental programming concepts using Python. Covered essential topics including variables, conditionals, loops, functions, and basic data structures such as strings, lists, and dictionaries. Developed a solid understanding of writing and debugging Python programs, and built a foundation for further study in software development and data-driven applications. The course was instructed by Dr. Charles Severance and emphasized hands-on learning through practical coding exercises.

### SKILLS & TOOLS

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Full Stack Development , Python , C , Java , HTML/ CSS , JavaScript , scikit-learn , TensorFlow, Flask, Pandas & NumPy , Git, Jupyter Notebook, VS Code , UI/UX Design