

MUHAMMED NIBRAS

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PROFILE

Recent Computer Science graduate with hands-on experience in full-stack web development, machine learning, and data analysis. Skilled in building scalable applications using Python, Node.js, MongoDB, and modern frontend frameworks like React and Next.js. Proficient in developing and deploying machine learning models with tools like TensorFlow, Scikit-learn, and Flask. Strong foundation in data pipelines, cloud platforms (AWS, Azure), and version control. Passionate about solving real-world problems using AI and continuously expanding knowledge in computer vision, data science, and DevOps.

EDUCATION

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

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.

I worked on digital content workflows and gained exposure to structured asset handling and optimization. Though not purely technical, the experience sparked my interest in backend systems and data pipelines, complementing my BTech in Computer Science and guiding me toward machine learning and full-stack development.

CERTIFICATION

DATA ANALYSIS WITH PYTHON

JULY 2025

- IBM via Coursera
- Completed a course focused on data manipulation, analysis, and visualization using Python libraries such as Pandas, NumPy, and Matplotlib. Covered core concepts in statistical analysis and exploratory data techniques.
- [View Credential](#)

BUILDING GENERATIVE AI-POWERED APPLICATIONS WITH PYTHON

JULY 2025

- IBM via Coursera
- Practical course on designing and building GenAI applications using Python, with emphasis on LLM integration and prompt engineering fundamentals.
- [View Credential](#)

DEVELOPING AI APPLICATIONS WITH PYTHON AND FLASK

JULY 2025

- IBM via Coursera
- Built and deployed AI-powered applications using Flask, with practical projects on integrating machine learning models into web applications.
- [View Credential](#)

PYTHON FOR DATA SCIENCE, AI & DEVELOPMENT

JULY 2025

- IBM via Coursera
- Practical course covering Python programming, data analysis, visualization, and AI foundations using Pandas, NumPy, and Jupyter Notebooks.
- [View Credential](#)

- IIT Palakkad Technology IHub Foundation
- Hands-on workshop on AI deployment in IoT environments using Jetson Nano, YOLO, and real-time AI model training for embedded systems.
- Certificate ID: 2024-ISW-01-05

DEVOPS TRAINING

OCTOBER 2022

- NIT Calicut
- Training program on DevOps principles, Git version control, CI/CD pipelines, and Cloud Infrastructure Management with practical exposure to AWS and Azure platforms

PROJECTS

SMART CAREER RECOMMENDATION SYSTEM (ML + DL)

- Built a prediction system using Decision Trees, KNN, and ANN on academic and skill-based datasets.
- Preprocessed data and optimized models with Pandas, NumPy, and Scikit-learn pipelines.
- Trained deep learning models using TensorFlow/Keras for accurate user profiling.
- Deployed with Flask and a responsive UI to enable real-time career recommendations.
- URL: <https://github.com/nibras000/CareerGo>

E-COMMERCE WEB APPLICATION (FULLSTACK)

- Built a complete shopping platform with product browsing, cart, and order tracking features.
- Developed backend using Node.js, Express, and MongoDB with RESTful APIs and Mongoose models.
- Designed responsive frontend using EJS templating and Bootstrap 5 with dynamic UI elements.
- Implemented secure session-based login, order confirmation flow, and product detail views.
- URL : <https://github.com/nibras000/e-commerce>

PERSONAL PORTFOLIO WEBSITE

- Designed and developed a responsive portfolio to showcase projects, skills, and resume.
- Built with HTML, CSS, JavaScript and deployed on GitHub Pages.
- Features include interactive project sections, contact form, and smooth mobile-friendly navigation.
- Serves as a central hub for recruiters and collaborators to explore your work.
- URL : nibras000.github.io/Personal-Static-Website

LIFELOOP – A FULL WEBSITE FOR A BLOOD DONATION PLATFORM

- Designed a responsive, multi-section website to promote blood donation awareness.
- Built using HTML, CSS, JavaScript, and Bootstrap with mobile-first design.
- Integrated features like animated statistics, interactive modals, and structured navigation (Home, Services, Contact, etc.).
- Hosted via GitHub Pages for public access and sharing.
- URL : nibras000.github.io/LifeLoop

REAL-ESTATE MANAGEMENT SYSTEM

- Developed a full-stack web app for managing listings, client records, and transactions.
- Created responsive UI using HTML, CSS, JavaScript for seamless navigation.
- Built backend with PHP and MySQL, enabling dynamic data handling and user authentication.
- Implemented CRUD operations and admin panel for secure workflow management.
- URL : <https://github.com/nibras000/TerraConnect>

SKILLS & TOOLS

- Languages: Python, Java, C, JavaScript, HTML, CSS
- Frameworks/Technologies: Flask, Node.js, Express, Bootstrap
- Libraries: TensorFlow, scikit-learn, Pandas, NumPy
- Databases: MongoDB, MySQL
- Tools & Platforms: Git, Jupyter Notebook, VS Code, GitHub, GitHub Pages, AWS, Azure
- Interests: Full-stack Web Development, AI/ML, Cloud Computing, DevOps