

# Muhammed Nisam

Python Full Stack Developer

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## Professional Summary

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Results-driven Full-Stack Python Developer specializing in Python, Django, and PostgreSQL/MySQL, with a strong track record in building secure authentication systems, efficient data workflows, and responsive UIs for scalable, user-focused web applications. Skilled at translating complex requirements into robust, high-performance solutions across models, views, and templates, while collaborating effectively in fast-paced teams to deliver reliable features on time.

## Professional Experience

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- **Python Developer Intern** Sep 2025 – Present  
Febno Technologies
  - Built secure, scalable web modules using Python, Django, and PostgreSQL with a focus on authentication and efficient data management.
  - Developed and optimized Django models, views, and templates to deliver seamless, intuitive user experiences aligned with business needs.
  - Improved front-end responsiveness and engagement by integrating HTML, CSS, JavaScript, and Tailwind CSS.
  - Contributed in a fast-paced team environment, delivering robust, user-centric features to production.

## Projects

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- **Zoho Creator – Multi-Sheet Excel Import Automation**
  - Built a Zoho Creator app to upload one Excel file containing multiple sheets (Travellers, Bookings, Packages).
  - Implemented parsing logic to auto-read each sheet and map records using Traveler.ID and Package.ID.
  - Linked travellers, bookings, and packages into structured tables with proper relational mapping.
  - Created dashboards and drill-down reports for traveller data, booking details, package-wise insights, and summary metrics.
  - Added validation to detect missing or duplicate IDs during import for clean data processing.
- **Construction Equipment Rental Management System**
  - Designed and implemented a full-stack rental management system for tracking construction equipment, rental availability, and categories.
  - Built secure authentication & role-based access for admins, staff, and clients using Django's authentication system.
  - Developed dashboard reports and analytics (equipment availability, categories, rental status) to improve decision-making.
  - Implemented CRUD functionality for equipment, categories, and rentals with responsive, user-friendly UIs.
  - Integrated image upload & dynamic status indicators (available/unavailable) for accurate catalog management.
  - Optimized database queries for efficient performance and scalability.
- **Employee Management System**
  - Implemented attendance tracking, task assignment, leave management, and approval workflows with role-based authentication.
  - Enabled file uploads on task completion and delivered a responsive UI using HTML, CSS, and JavaScript.
- **Student Feedback System**
  - Built a secure, role-based platform for student feedback with predefined questions and automated analysis.
  - Designed a responsive submission experience using HTML, CSS, and JavaScript.

## Technical Skills

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- **Front-End:** Angular, TypeScript, HTML5, CSS3, Tailwind CSS, JavaScript, Responsive UI Design
- **Back-End:** Python, Django, Django REST Framework
- **API:** RESTful APIs
- **Database:** PostgreSQL, SQLite
- **Tools & Platforms:** Zoho, Git & Gitlab, VS Code, Jupyter
- **Strengths:** Problem-solving, cross-functional collaboration, performance optimization, responsive UI development

## Education

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- **Skill Diploma in Python Fullstack** June 2025 – Present  
Techno Dot Academy
- **Bachelor of Computer Science** 2022 – 2025  
Kannur University
- **Secondary Education** 2020 – 2022  
Crescent HSS Vanimel

## Certifications

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- Django Development Certificate, Maitexa Information Technologies
- Web Development with FASTN, IEDC Summit 2023
- Certificate in MS Office, Master Information Technology, Kozhikode (2017)

## Achievements

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- NCC 'B' Certificate, National Cadet Corps, Government of India
- NCC 'C' Certificate, National Cadet Corps, Government of India
- Awarded Nanma Mudra for meritorious service in the Chief Minister's Shield Competition (Kerala State Bharat Scouts & Guides, 2022).
- Achieved Dwitiya Sopan Badge (Kerala State Bharat Scouts & Guides, 2021).

## Soft Skills

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- Problem-Solving
- Critical Thinking
- Leadership & Teamwork
- Communication Skills
- Project Management
- Time Management
- Adaptability & Continuous Learning