

Dilshad Ali CP

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Professional Summary

Recent Mechanical Engineering graduate (2024) with a strong foundation in Python programming and full-stack web development. Proficient in Python, Django, JavaScript, and PostgreSQL. Passionate about problem-solving, technology, and backend systems. Highly motivated to transition into the field of Artificial Intelligence and Machine Learning, and committed to learning the necessary skills to excel as an AI/ML Engineer.

Technical Skills

- Languages:** Python, JavaScript
- Web Development:** HTML5, CSS3, Bootstrap, React.js, Django
- Databases:** PostgreSQL, Django ORM
- Tools/Frameworks:** Django REST Framework, Git, VS Code
- Learning Goals:** Machine Learning, AI concepts, NumPy, Pandas, Scikit-learn

Education

B.Tech in Mechanical Engineering

Graduated: 2024

Mar Athanasius College of Engineering, Kothamangalam, Ernakulam

Experience

Python Developer Intern

2024–Present

- Collaborated on backend API development for web applications using Django and Django REST Framework.
- Worked with PostgreSQL and Django ORM for efficient database operations.
- Gained practical experience in building RESTful APIs and using Git for version control.
- Developed strong Python programming skills while preparing to expand knowledge into AI/ML.

Projects

Bridgeon Solution – E-commerce Web Application

Django, DRF, React.js, PostgreSQL, JWT

- Built full-stack e-commerce platform with admin and user authentication using JWT.
- Developed product CRUD APIs and integrated the React frontend.
- Implemented features like product search, wishlist, order placement, and payment status tracking.

Online Education Platform – Backend Project

Django, DRF, PostgreSQL, JWT

- Created role-based authentication system for students, teachers, and admins.
- Developed APIs for managing video lectures, assignments, and student progress tracking.
- Built admin features for content approval and leaderboard management.

Soft Skills

- Quick learner with a strong self-learning attitude.
- Effective time and task management.
- Strong problem-solving and critical thinking skills.
- Highly adaptable to diverse teams and environments.
- Motivated and ready to learn Artificial Intelligence and Machine Learning.