ESWARDAS K NAIR
SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Results-driven Software Developer specializing in Python and Django with proven expertise in developing scalable RESTful APIs and database-driven backend applications. Proficient in SQL, Django ORM, data structures, algorithms, and frontend technologies including HTML5 and CSS3.

TECHNICAL SKILLS

Programming Languages: Python, SQL
Web Development: HTML5, CSS3, Django, Django REST Framework, Flask
Database Management: PostgreSQL, MySQL, Django ORM
Core Competencies: RESTful API Development, Data Structures & Algorithms, Object-Oriented Programming, Backend Development
Development Tools: Git, GitHub, Postman, Version Control

TECHNICAL PROJECTS

LexGuard - AI-Powered Contract Risk Analysis Platform — 2026 — Present | Link

- Architected AI-driven contract analysis platform utilizing Python, Django, Natural Language Processing, and Graph Neural Networks for automated risk assessment and compliance monitoring
- Developed intelligent parsing engine to identify high-risk contractual clauses, calculate risk scores using semantic analysis, and map clause dependencies for comprehensive contract evaluation
- Built interactive dashboard with real-time clause highlighting and plain-language risk explanations, improving legal document accessibility for non-technical stakeholders

ScholarSync - Student Collaboration Platform — 2025 | Link

- Engineered full-stack Django web application enabling document sharing, research collaboration, and academic project management for student communities
- Implemented secure authentication, role-based authorization, and session management using Django security framework
- Designed normalized database schema with optimized Django ORM queries, reducing database load and improving response times

Library Management System — 2023 | Link

- Built comprehensive RESTful API system using Django REST Framework for library operations including book inventory, user management, and circulation workflows
- Implemented complete CRUD functionality with input validation, error handling, and data integrity constraints
- Optimized database queries and indexing strategies, achieving 30% performance improvement in data retrieval operations

EDUCATION

Master of Computer Applications (MCA) — 2024 — Present
MES College of Engineering, Kuttippuram, Kerala, India

Bachelor of Computer Applications (BCA) — Nov 2020 — May 2023
Ideal College for Advanced Studies, Kerala, India

PROFESSIONAL CERTIFICATIONS

- Python Backend Developer - Besant Technologies
- Python Web Development - L&T EduTech
- Certified Software Engineer Intern - HackerRank

TECHNICAL ACHIEVEMENTS

- LeetCode Problem Solver: Successfully completed 200+ algorithmic coding challenges demonstrating advanced proficiency in Data Structures, Algorithms, and problem-solving techniques

LANGUAGES

English, Hindi, Malayalam