MUTHUSARAVANAN V

PYTHON/DJANGO DEVELOPER

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SUMMARY

Django Developer with 1 year of experience in building scalable web applications using Django, OOPs, and PostgreSQL. Skilled in WebRTC, Redis, Django Channels, Bootstrap, AJAX, jQuery, and JavaScript to deliver responsive and reliable solutions. Experienced in implementing real-time features and ensuring seamless integration of frontend and backend components.

TECHNICAL SKILLS

- **Backend & Frameworks:** Python, Django, Django REST Framework
- **Frontend:** HTML, CSS, AJAX
- **Database:** PostgreSQL, SQLite
- **Version Control:** Git, GitHub
- **Other:** Google Console API Integration, CRUD Operations, ORM

PROFESSIONAL EXPERIENCE

Software Developer, InESS Global Solutions   **Aug'24 - Present**

- **Maintained and enhanced the HRMS application,** improving system reliability and ensuring smooth day-to-day operations for employees.
- **Integrated Google Calendar API,** enabling seamless calendar event creation from within the application, streamlining scheduling and improving team coordination.
- **Product Change Notification (PCN) system,** automating escalation email schedules to improve issue resolution speed and overall workflow efficiency.
- **Explored and implemented an automated web scraping tool using Selenium,** extracting part details, FMDs, and related technical documents from manufacturer websites.
- **BoM (Bill of Materials) module maintenance,** including uploading, validating, and managing component data for internal use.
- **Contributed to the Master Pricing Automation Tool,** enabling dynamic addition of manufacturers and automating pricing updates to ensure data consistency and accuracy.

EDUCATION

MCA, Dhanalakshmi Srinivasan Engineering College, Perambalur   **Sep'22 - June'24**

- Developed projects on crime hotspot analysis and prediction using machine learning (R-based data visualization on Kaggle datasets) and an IoT-based automatic vehicle headlight dim/bright adjustment system using Arduino for enhanced road safety.

B.Sc.Physics, NPR Arts & Science College, Natham   **June'19 - July'22**

- Completed coursework in Electronics, Optics, and Computational Physics.
- Gained practical experience through laboratory experiments and data analysis.

ADDITIONAL INFORMATION

- **Languages:** English, Tamil
- **Certifications:** Full Stack Development (Python, HTML, CSS, JavaScript) – Accord Info Matrix, Chennai