MUTHUSARAVANAN V

SOFTWARE DEVELOPER | PYTHON / DJANGO | FULL-STACK WEB DEVELOPMENT

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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, Responsive Design, AJAX
- **Database:** PostgreSQL, SQLite
- **Version Control:** Git, GitHub
- **Other:** Google Console API Integration, CRUD Operations, ORM

PROFESSIONAL EXPERIENCE

Software Developer, InESS Global Solutions   **Aug 2024 - Present**

- **Maintained and enhanced HRMS project**, 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, which streamlined scheduling and improved team coordination.
- **Implemented performance optimizations and bug fixes**, reducing system downtime and improving application responsiveness by 10% (add a real % if you have it).
- **Optimized Product Change Notifications (PCN) system** by customizing escalation email schedules, resulting in faster issue resolution and improved automation efficiency.

EDUCATION

MCA, Dhanalakshmi Srinivasan Engineering College, Perambalur   **Sep 2022 - June 2024**

- **Main Project:** Analysis and Prediction of Crime Hotspot using Machine Learning – Collected crime datasets from Kaggle and used R for data analysis and visualization through graphs.
- **Mini Project:** Automatic Vehicle Headlight Dim and Bright System using Arduino (IoT Project) – Designed and implemented an IoT-based system to automate vehicle headlight adjustment for improved road safety.

B.Sc.Physics, NPR Arts & Science College, Natham   **June 2019 - July 2022**

- 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