

Roshan Toms

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Portfolio

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github.com/roshantoms

Professional Summary

Python Developer & Data Analyst with expertise in **full-stack development (Django, React.js)** and **data analytics (Power BI, SQL)**. Passionate about building scalable web applications and AI-driven dashboards, with strong skills in data visualization, automation, and business intelligence. Adept at bridging the gap between software engineering and data-driven decision-making.

Technical Summary

- **Programming:** Python
- **Frameworks:** Django, React.js
- **Frontend:** HTML, CSS, JavaScript
- **Databases:** SQL
- **Data Tools:** Microsoft Power BI
- **Dev Tools:** GitHub, Prompt Engineering
- **Soft Skills:** Communication, Adaptability, Fast Learner
Problem-Solving, Teamwork

Education

- **Bachelor of Science in Electronics** | Jul 2019 - Apr 2022
IHRD College of Applied Science, Vazhakkad
Complementary Courses : Computer Science, Mathematics

Certifications

- **Workshop on AI Dashboards (Microsoft Power BI)**
Skill Nation (Jatan Shah, MCT) | Apr 2025
- **SQL Course**
Newton School | Apr 2025
- **Prompt Engineering Certificate**
Dubai Future Foundation | Feb 2025
- **Python Developer Course**
KSWDC REACH | Sep 2023 - Mar 2024

Languages

- English (Fluent)
- Malayalam (Native)
- Tamil (Intermediate)

Experience

Full-Stack Developer Intern

Inmakes, Kochi | May 2024 - Mar 2025

- Developed scalable web applications using Python, Django, and React.js
- Built responsive front-end interfaces with React.js, HTML, CSS, JavaScript
- Optimized UI components to improve loading speed by 30% and user experience

Jio Fiber Associate

Jio Center, Kozhikode | Jul 2022 - Sep 2024

- Installed and supported 500+ FTTH connections across Kozhikode, handling on-site troubleshooting, wiring, and client onboarding.
- Gained hands-on experience in customer tech support.

Projects

Robin AI Assistant | Python, SpeechRecognition, pyttsx3 [GitHub](#)

- Offline Python assistant achieving **95%** accuracy in voice recognition using `speech_recognition` and `pyttsx3`.
- Implemented voice commands for system operations.

Task Manager | Django, HTML [GitHub](#) | [Preview](#)

- Task Management Application built with Python and Django, designed to enhance transparency and accountability in team workflows.
- Users can update the status of the task, while Admins and SuperAdmins can manage users, tasks, and monitor reports.

Greens Sales Dashboard | Microsoft Power BI [GitHub](#)

- Built an interactive Power BI dashboard for a plant sales company, highlighting KPIs like Sales, Profit, and Margin.
- Used **Slicers** and **DAX** to visualize regional sales, top products, categories, and monthly trends.