

Roshan Toms

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Portfolio

www.linkedin.com/in/roshan-toms

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:** 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 - Aug 2024

- 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 and user experience

Jio Fiber Associate

Jio Center, Kozhikode | Jul 2022 - Sep 2024

- Installed and maintained Jio Fiber connections (4+ daily installations)
- Provided technical support and troubleshooting for customers

Projects

Robin AI Assistant | Python

[GitHub](#)

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

Serpentrix Game | HTML, CSS, JS

[GitHub](#) | [Demo](#)

- Responsive snake game with mobile touch controls.
- Optimized rendering performance through canvas optimization.

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.