

Sunil Dennis

SENIOR SOFTWARE ENGINEER | PYTHON & FULL STACK

S2, Sheffield, UK • Remote / Contract • 07721301256 • sunildennisb7@gmail.com • linkedin.com/in/sunil-dennis-7178b2155

PROFESSIONAL SUMMARY

Senior Software Engineer with **7 years of professional software development experience**, specialising in **Python and full-stack application development**. Experienced in designing, developing and maintaining production software systems with ownership across **architecture, backend services, APIs, databases, testing, deployment and production support**. Strong experience troubleshooting and optimising applications for performance, reliability and maintainability. Experienced in technical decision-making, mentoring and coordinating development across engineering teams, with hands-on experience in **Git, CI/CD, cloud deployment and Agile development**.

TECHNICAL SKILLS

- **Programming:** Python, JavaScript, TypeScript, C
- **Backend:** Django, Django REST Framework, FastAPI, Django ORM, REST APIs, Authentication, Django Admin, Django Forms, Django Signals
- **Frontend:** React, React 18, JavaScript, TypeScript, HTML, CSS, Bootstrap, Tailwind CSS
- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB, SQL, Database Design, Data Modelling
- **Architecture & Engineering:** System Architecture, API Design, Full Stack Development, Backend Development, Performance Optimisation, Debugging, Refactoring, Application Reliability
- **Testing & Quality:** Django TestCase, Postman, API Testing, Code Reviews, Pull Requests, Production Troubleshooting
- **Cloud & DevOps:** AWS S3, DigitalOcean, Linux/Ubuntu, Nginx, Unicorn, GitHub Actions, CI/CD, Bash, SSL/TLS, Docker (working knowledge)
- **Development & Collaboration:** Git, GitHub, GitHub Issues, Team Repositories, Agile Development, Technical Documentation, Technical Leadership

PROFESSIONAL EXPERIENCE

FULL STACK DEVELOPER — MMloqz (MM Låsesmed Group) - Hyderabad, India | Mar 2021 – Nov 2025

- Owned end-to-end development of **10+ production web applications**, from requirements and technical design through implementation, testing, deployment and ongoing maintenance.
- Designed and developed scalable **Python/Django and Django REST Framework** backend systems supporting authentication, user management, products, orders, payments, dashboards and business workflows.
- Designed **application architecture, database models and REST API structures**, making technical decisions based on business requirements and system constraints.
- Developed production frontend applications using **React, JavaScript and TypeScript**, integrating reusable components with Python backend services.
- Architected and developed a production **visual website builder and e-commerce CMS** using Python, Django REST Framework, React 18 and TypeScript.
- Developed database-driven applications using **PostgreSQL, MySQL and SQLite** with Django ORM.
- Integrated third-party services for logistics, payments and automated business workflows.
- Investigated production issues, performed root-cause analysis and implemented **performance, reliability and maintainability improvements**.
- Managed production systems on **Linux/Ubuntu and DigitalOcean**, configuring Nginx, Unicorn, SSL/TLS and deployment workflows.
- Implemented collaborative development practices using **Git, GitHub Actions, pull requests, code reviews and issue tracking**.
- Automated repetitive development and operational processes to improve engineering efficiency and reduce support issues.

- Coordinated technical delivery across a **7-developer team**, distributing work, reviewing implementations and supporting engineers through delivery.
- Produced technical documentation and contributed to development, deployment and maintenance standards.

FOUNDER & TECHNICAL DEVELOPER — TECH COOKIE COMMUNITY - India | Dec 2017 – May 2025

- Founded and technically developed **Tech Cookie**, an independent technology platform focused on programming, Python, software development, cybersecurity and emerging technologies.
- Built and maintained **thetechcookie.com**, independently managing software development, technical troubleshooting, platform improvements and digital operations.
- Developed practical programming resources and technical demonstrations covering **Python, web development, APIs and AI technologies**.
- Created software-development and programming content reaching a **19K+ YouTube subscriber audience**.
- Managed technical projects independently from requirements and development through troubleshooting, deployment and ongoing improvements.
- Communicated complex technical concepts clearly through tutorials, courses and technical content.

FREELANCE SOFTWARE DEVELOPER - India | Jul 2018 – Feb 2021

- Delivered end-to-end web applications using **Python and Django**, managing requirements, technical design, development, API integration, testing, deployment and maintenance.
- Developed database-driven applications and REST APIs for client-specific requirements.
- Troubleshot production issues and implemented maintainable solutions to improve application reliability.
- Worked directly with clients to understand requirements and translate them into practical technical solutions.

SELECTED PROJECT

Visual Website Builder & E-Commerce CMS

Python, Django REST Framework, React 18, TypeScript, SQLite, Linux

- Designed and built a production visual website editor supporting **drag-and-drop layouts, live content editing, theme customisation and responsive device previews**.
- Developed the **Django REST backend** and structured persistence layer for creating, editing, saving and retrieving page layouts.
- Implemented frontend/backend synchronisation and state persistence for responsive editing workflows.
- Implemented authentication and access controls for protected administrative functionality.
- Integrated external logistics services and automated business communication workflows.
- Deployed and maintained the production platform using **Linux, Nginx, Gunicorn and DigitalOcean**.

EDUCATION

Sheffield Hallam University, UK

MSc Information Technology Management | 2026 – Present

Aditya Engineering College, India

Bachelor's Degree in Electronics and Communication Engineering | 2014 – 2018