Eugene Holt

https://slothcartel.github.io/
LinkedIn: linkedin.com/in/eugene-holt

Email: eugene.holt09@gmail.com
Mobile: +27 76 380 4261
South Africa (Remote)

OVERVIEW

Backend / full-stack software developer with hands-on experience designing, building, and maintaining production Django systems. Comfortable owning features end-to-end across backend logic, frontend integration, and infrastructure in a fully remote, contract-based environment.

EDUCATION

- **North-West University** — South Africa
  Bachelor of Science in Information Technology (with distinction) — Feb 2023 – Dec 2025
- **Sasolburg High School** — South Africa
  National Senior Certificate (Matric) — Jan 2018 – Dec 2022

EXPERIENCE

- **Holt Consulting Engineers (Pty) Ltd** — Remote
  Software Developer (Contract) — Dec 2024 – Present
    - **Production Systems**: Designed, built, and maintained production Django systems used daily in an engineering consulting environment, supporting core internal workflows and client-facing outputs.
    - **Full-Stack Ownership**: Owned features end-to-end, including backend business logic, PostgreSQL schema design, frontend implementation, deployment, and long-term maintenance.
    - **Frontend Development**: Developed interactive, low-latency user interfaces using HTMX and Alpine.js; introduced Tailwind CSS for new development while maintaining existing Bootstrap-based systems.
    - **Document Generation**: Implemented automated PDF generation for reports, quotations, and technical datasheets using WeasyPrint and LaTeX.
    - **Infrastructure & Deployment**: Managed Docker-based deployments on DigitalOcean with Nginx and WireGuard VPN, taking responsibility for environment configuration and production stability.

PROJECTS

- **FM-webCRM (Production)**: Production CRM system used by engineering staff to manage customers, quotations, and technical calculations, with role-based access control and automated PDF outputs. Took primary responsibility for production fixes, system stability, and ongoing feature enhancements.
- **HCE-EDMS**: Engineering document and workflow management system designed to align technical implementation with real-world business and approval processes. Worked closely with stakeholders to translate operational workflows into maintainable backend logic and access-controlled features.

TECHNICAL SKILLS

- **Languages**: Python, JavaScript, SQL, HTML/CSS
- **Backend**: Django, PostgreSQL
- **Frontend**: HTMX, Alpine.js, Tailwind CSS, Bootstrap
- **Infrastructure**: Docker, DigitalOcean, Nginx, WireGuard, Linux