

# Manuel Precious

Software Engineer



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## Summary

Built a high-speed email marketing platform processing over 100,000 emails per minute with real-time transaction tracking. Designed a data-driven dashboard to optimize campaigns, achieving a 25% effectiveness increase. Passionate about technology and its marketing applications.

## Professional Experience

### Full Stack Software Engineer



Remote - Odgen UT, USA

2022 Sept -

Grackens - Contract

Present

- Architected a scalable, distributed email marketing and campaign management platform, enabling the sending of over 100,000 emails per minute using Node.js, Postgres, and RabbitMQ, increasing email delivery efficiency by 36%.
- Developed a comprehensive analytics dashboard with React and SCSS, tracking open rates, close rates, click rates, subscription, and unsubscription rates, resulting in a 25% improvement in marketing campaign effectiveness and decision-making.
- Implemented robust backend infrastructure, high availability, and load balancing with HAProxy and Keepalived, ensuring 99.99% uptime and reliability of the platform, which resulted in a 40% increase in user engagement and a 25% boost in customer satisfaction.

### Software Engineer - Security and Testing



Remote - Seville, Spain

2020 Sept - 2024

Skudonet (Formerly Zevenet)

April

- Built a troubleshooting utility in Python that quickly iterates through the customer support log files identifying the cause of their system's breakdown in less than 5 minutes, saving 2 hours of technical support for each customer.
- Tested the viability of Skudonet WAF using GoTestWaf, identifying, reporting, and resolving 45% of security-related vulnerabilities, resulting in a 35% improvement in WAF security and reliability.
- Crafted comprehensive knowledge base articles and troubleshooting guides for technical support, reducing average resolution time by 35% and increasing customer satisfaction.
- Documented APIs and user guides for the Skudonet ADC, improving developer and user understanding and integration success rates by 30%, and decreasing support queries.

## Skills

- Languages: Python 3.10, JavaScript (ES6), Node.js, C++
- Frame works: React.js, ReduxRTK, Express.js, Django,
- Databases: PostgreSQL, MongoDB, MySQL
- DevOps: Git, Docker, Kubernetes, Nginx, HAProxy, RabbitMQ
- Other Skills: RESTful APIs(JSON), YAML

## Education

- Bachelor of Science in Computer Science (GPA: 3.7/4.0), June 2019, **ISBAT University**