

Stephin Thomas

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Professional Summary

In my journey as a versatile professional, I've had the privilege of wearing various hats – from being a dedicated Mechanical Engineer with a Master's degree in Manufacturing Management to an accomplished Computer Programmer. My background in mechanical construction, where I supervised fabrication and erection of piping systems and steel structures, has given me a solid foundation. And my skills in CAD software like Solid-works, Fusion360, FreeCAD, QCAD, AutoCAD, LibreCAD, and script based OpenSCAD make me an expert in designing complex structures and models.

But what truly sets me apart is my proficiency in programming languages such as Python, Go-lang and Rust. With my unique blend of engineering knowledge and coding skills, I can make significant contributions to any team. And my hobbies in computer programming, designing websites, and building websites reflect my passion for technology and innovation. I thrive on taking on new challenges. My adaptable mindset, strong work ethic, and problem-solving abilities ensure that I bring creativity and a positive attitude to every project.

Work History

Freelance Mechanical Engineer & Software Developer

Fiverr International Ltd. | **October 2017 - Present** | *Remote*

- Client Reviews:- <https://www.fiverr.com/stephint>
- Computer Aided Designing for CNC, 3D printing and Machining

- Software development for companies and individuals
- created models using script based CAD or Parametric Design Software
- Completed backend, frontend, data science related projects.
- Created files with Office software macros and formulas

Mechanical Engineer

Aarti Industries Limited | November 2019 - December 2020 | Vapi, India

- Supervised construction of the DCBH processing plant within deadlines and budgets while maintaining high-quality standards.
- Erected pipe rack from DCBH plant to tank.
- Utilised Computer-Aided Design and Drafting skills to contribute to project success.
- Effectively oversee construction to ensure compliance with industry codes and standards.
- Quickly and efficiently resolve issues that arise during construction.

Site in Charge

Indian Oil Corporation (Al Bucheeri) | March 2018 - October 2019 | Chennai, India

- Successfully collaborated with various departments for the construction and operation of a crude oil sludge processing plant within deadlines and budgets while maintaining high-quality standards.
- Erected and assembled tanks, pumps, pipes and centrifuges.
- Drafted a CAD drawing of a tank for approval.
- Oversee maintenance and operation of the plant.
- Determined and implemented schedules for preventive maintenance and production to meet daily targets.

Team Leader

Swissport International AG | June 2022 - Present | Full time | Bedfordshire, UK

- Lead a team to ensure safe, secure, and efficient handling of baggage and cargo operations across multiple aircrafts and destinations at Luton airport.
- Provide management-level oversight and guidance on ground-handling procedures, with a focus on maintaining high-quality customer service.

Education

- **Master's degree in Manufacturing Management** | *University Of Hertfordshire* | **2022** | *Distinction*
- **Bachelor's degree in Mechanical Engineering** | *Mahatma Gandhi University* | **2017**

Training & Certifications

- **Care Certificate** | Welfare Academy | April, 2024 |
- **COSHH** | iHasco | November, 2021 |
- **Health and Safety Essentials** | iHasco | November, 2021 |
- **Risk Assessment** | iHasco | November, 2021 |
- **Python Tutorial Course** | Sololearn | April, 2020 |

Skills

- **Management:** Planning | Leadership | Team building | Conflict-resolution
- **Mechanical Construction:** Supervising Fabrication and Erection - Piping, Steel Structure
- **CAD:** Solid-works | Fusion360 | FreeCAD | QCAD | AutoCAD | LibreCAD | OpenSCAD
- **Programming:** Python | Rust | JavaScript | Golang
- **Software:** Microsoft Office | Libre Office | Microsoft Windows | Gnu/Linux

Personal Projects

- **gmail-watcher:-** Cross platform email notifier for gmail.
- **clipmanager_rs:-** GUI Clipboard Manager for Linux Wayland.

- *(Visit my GitHub for more to see more including the projects I am working on now)*

References

- references available on request