# THOMAS SARPONG

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## SUMMARY

I am a skilled software engineer with 5 years of professional experience in developing scalable applications using technologies like Django, Nodejs, and React.I am skilled in programming languages like Python, JavaScript and Typescript with a passion for distributed systems, micro-services and cloud Computing.

## SKILLS

**Programming Languages**: Python, JavaScript, Typescript
**Frameworks**: Django, Django REST Framework,React Fast API Nextjs Nestjs, Express
**Databases**: PostgreSQL, MySQL, NoSQL(MongoDB), Elastic search, Redis
**Architectures**: Microservices, Distributed Systems
**API Specs**: REST GRAPHQL
**Search Engines**: Redis search, Elastic search
**Message Broker**: RabbitMQ
**Pubsub system**: Kafka, Redis
**Caching**: Redis
**Container management**: Docker, Kubernetes
**Cloud Technology**: AWS
**Version Control & CI/CD Pipeline**: Git, Gitlab CI/CD, Github actions, AWS code pipeline,Circle CI
**Methodologies**: Agile Software Development, SCRUM, Object-Oriented Programming, Test-driven Development

## EXPERIENCE

### International Business Machine (IBM)- Weather Company (Contractor)    Jan 2023 – Present
*Full-stack Engineer*    *Remote*
- Main technologies used are React with typescript intensive, Golang and Nodejs for backend applications.
- I am working as a senior fullstack engineer with the IBM-Weather company as a contractor from Andela. I work with a team of highly qualified engineers in requirements analysis, code writing, code reviewing and feature demos.

### Mpharma    Sep 2022 – Present
*Full-stack Engineer*    *Accra, Ghana*
- Use tools such as TypeScript, JavaScript, Python, Django, Nodejs, Express, React, Postgres, Rabbitmq, Kafka, Redis, Kubernetes, CircleCI, Elastic search, AWS, Linux, and Jest.
- Responsible for migrating old systems to a new, robust system that captures more data as a full-stack engineer. Engaged in sprint planning and retro ceremonies, joined daily standups, wrote code to meet requirements and gave presentations of demo features.

### HEWLETT PACKARD (HP)(Contractor)    June 2022 – Jan 2023
*Full-stack Engineer*    *Accra, Ghana*
- We used technologies such as shell scripts, Python, TypeScript, and advanced Linux tools like Restic and Rclone.
- Worked as a Senior Software Engineer on a six-month contract with HP Inc. through Andela Analyzed requirements and built features as part of a team of great engineers Contributed in brainstorming meetings and presented features during demo sessions

### Cybotcx    July 2020 – June 2021
*Full-stack Engineer*    *Remote*
- Worked as a Senior Full Stack Developer using Django, React and the following tools to build highly scalable applications: TypeScript, JavaScript, Python, Django, Nodejs, Express, React, MySQL, Redis, Kubernetes, CircleCI, Elastic search, AWS, Linux, Jest.
- Wrote code, reviewed code, maintained existing code, joined client meetings, contributed to DevOps and workflow development, and participated in company meetings and technical discussions.

## Mpedigree

**Backend Engineer**

2019 – 2020

*Accra, Ghana*

- Worked as a Full Stack Developer using Django, React, and the following tools to build highly scalable applications: Python, Django, JavaScript, React, Rabbitmq, Redis, Redux, Ansible, Linode, Linux
- Contributed to projects such as Panabios and Alkemy care. The most trusted B2B marketplace in Ghana.
- Participated in sprint meetings, wrote code, contributed to code review, and built and maintained in-house packages.

## Ghana Tech lab

**Full-stack Engineer**

Sep 2022 – Present

*Accra, Ghana*

- Used tools such as Nodejs, Flutter, Express, serverless, and AWS.
- Contributed to existing projects by joining meetings to discuss requirements and report progress, writing code and reviewing code with coworkers.

## EDUCATION

### University of Energy and Natural Resources

*Bachelor of Science in Computer Engineering*

Sunyani, Ghana

*2017 – 2021*