

# Sonny Tapara

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## Full Stack Developer

Architecting secure, scalable applications across the full stack development cycle, from resilient backend pipelines to intuitive frontend interfaces. Leveraging large data sets, RESTful APIs, and cloud tools, I've delivered production-grade solutions that integrate authentication, AI, and real-time metrics. Passionate about solving real-world problems through modular design, expressive diagnostics, and developer-friendly architecture.

## Contact

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Residency: New Zealand Citizen

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## Education

### MISSION READY

[AI-Enhanced Full-Stack Software Developer](#)  
(Level 5 - NZQA approved)



[Full-Stack Developer](#)  
(Level 4 - NZQA approved)



## Experience

### FOODSTUFFS · July 2025 – October 2025

Role: Software Engineer

Engineered scalable REST API endpoints and modular data pipelines to extract, transform, and ingest large-scale metrics across enterprise platforms. Designed resilient integrations and cloud workflows.

### Key Skills:

- REST API integrations:
  - **SonarQube:** Automated Extracting of Code quality metrics by integrating with sonarQube REST API, providing teams with real time insights into code health.
  - **Cortex.io:** Ingested and extracted data for scorecards and EDP.
  - **Bamboo:** CI/CD failed builds metrics with pagination and error handling.
- Google Cloud Storage:
  - Engineered a data pipeline to manage large scale data ingestion into Google Cloud Storage, ensuring data availability for analytics.

# Portfolio

GitHub: [Repositories](#)

Live Demos:

- [Personal Portfolio Website](#)

## Skills

Languages:

- HTML/CSS
- JavaScript
- Python
- Yaml

Frontend:

- React.js
- Responsive UI
- Power BI
- Bootstrap

Backend:

- Node.js
- Express.js
- API endpoints
- Authentication
- REST API

Databases:

- MongoDB
- MySQL
- Google Cloud Storage
- BigQuery

AI:

- Azure custom vision
- Google AI Studio
- Prompt Engineering

- BigQuery:
  - Schema table transformations and scalable warehouse design.

## MISSION READY · Nov 2024 – Present

Role: Full Stack Developer

Developed and deployed multiple full-stack web applications using React, Node.js, and MongoDB, showcasing proficiency in API endpoint integration, AI features, and cloud service APIs.

### Key Projects & Contributions:

#### AI CAR INSURANCE CHATBOT CONSULTANT FOR TURNER'S POLICIES (May 2025):

- I identified key customer pain points to define the scope and requirements for an AI insurance chatbot.
- Developed an AI chatbot with Google AI Studio for scanning URL context data from policy web pages.
- Engineered carefully crafted prompt engineering with extra steps in controlling the prompts, enhancing chatbot accuracy and relevance.

#### INSURANCE FORM GUESTIMATOR (AI IMAGE RECOGNITION) (April 2025):

- Addressed the key challenge of enabling customers to upload images, accurately identify vehicle types, and determine whether a vehicle is classified as a write-off.
- Developed an intuitive frontend form for secure customer data input and efficient image uploading.
- Integrated Azure Custom Vision for training and classifying car images, and utilized Multer for efficient temporary file storage, streamlining the image processing workflow.
- This application significantly enhanced the efficiency of car type identification for insurance purposes, reducing manual review over time.

#### DevOps & Cloud :

- AWS
- Docker
- Kubernetes (kubectI, minikube)
- Git / GitHub

#### Project Management :

- Agile Mindset & Practices
- Jira
- Trello

#### Soft Skills:

- Problem solving
- Collaboration
- Adaptability
- Communication

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## Interests & Hobbies

- Home Automation
  - Python/ Micro python
  - Microcontrollers
  - Skateboarding
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## ELECTRONICS REPAIR TECHNICIAN · JUL 2016 – SEPT 2021

Role: Electronics Repair Technician

- **Debugging:** Diagnosed and repaired a wide range of gaming console hardware issues, including motherboard-level faults.

**Diagnostics:** Specialized in microsoldering and circuit-level diagnostics to restore non-functional components.

- **Problem solving:** Applied precision troubleshooting techniques to identify and resolve complex electronic failures.
- **Skill set:** Developed hands-on experience with tools such as hot air rework stations, multimeters, microscopes and micro soldering equipment.
- **Customer Service:** Provided reliable turnaround and personalized service to a growing client base.

## CRANE AND CARTAGE · SEPT 2021 – NOV 2024

Role: Hiab operator and Truck Driver

- This was a diverse role involving both Hiab operation and truck driving. It demanded technical precision, strategic planning, and the ability to perform under high-pressure conditions. Every setup requires careful coordination and concentration to ensure the safety of both people and goods during transport and delivery.

**References:** Available on request.