



CONTACT

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- 📍 EBD, Georgetown, Guyana

CAPABILITIES

- AI-Assisted Development
- Full-Stack Web Development
- PHP · MySQL · JavaScript
- React · TS · Tailwind
- Local-First · CI Deploys
- Aviation Ops Software
- Embedded / AHRS · Python
- Aircraft Maintenance

EDUCATION

TERTIARY

**Art Williams & Harry Wendt
Aeronautical Engineering School**
2022 – Present

HIGH SCHOOL

St. Stanislaus College
September 2017 – June 2022
Graduated with 13 subjects at CXC

MICHAEL THOM

FOUNDER, MAT SOLUTIONS · SELF-
TAUGHT SOFTWARE BUILDER

PROFILE

Founder of MAT Solutions, an independent digital studio in Georgetown, Guyana, and a self-taught software builder. I taught myself to ship production software while training as an aircraft maintenance technician, and now build the web platforms, internal tools, and aviation software that local businesses run on daily. I use Claude and Claude Code every day to design, debug, and ship as a solo developer — and I want to put that to work on problems that matter to my community.

EXPERIENCE

MAT Solutions — Founder & Lead Engineer

GEORGETOWN, GUYANA · PRESENT

- Built **JAGS Aviation AMS**, the platform that runs a local airline's daily operations — reservations, flight-following, crew & compliance — deployed live through a self-hosted pipeline.
- Shipped websites and internal tools for local Guyanese businesses — **Cellular Plus, KBS Engineering, ABR Autosales, Viscom Group, Smart Tech** and **Coles**.
- Self-taught embedded avionics: a register-level **AHRS** on MPU-6050 hardware streaming live attitude data to a browser display.

GMSI — Aircraft Maintenance Technician

GEORGETOWN, GUYANA · PRESENT

- Nose-to-tail maintenance on the Grand Caravan EX and BN Islander — inspections, avionics troubleshooting, installations and preventive maintenance under GCAA rules.

AVIATION — EARLIER ON-THE-JOB TRAINING

Hands-on rotations across **Omni Helicopters · Roraima Airways · Caribbean Aviation Maintenance Services · Air Services Limited · Jags Aviation**.

INITIATIVE & COMMUNITY

Revised a module of my aeronautical school's course into a clearer teaching guide and submitted it to the instructor to help future students.

Portfolio & references on request — matsolutions.gy