

NARENDRA RAJCOOMAR

Aviation Maintenance Technician (A&P Candidate) • Avionics • Systems Engineering
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PROFESSIONAL SUMMARY

Aviation maintenance professional and A&P candidate pursuing a career with a major commercial airline, built around one consistent discipline: diagnosing and maintaining complex technical systems, demonstrated across 11 years of enterprise IT infrastructure experience, government data center operations, and hands-on automotive electronics and mechanical repair — and now converging in aviation. Holds an AEA Certified Avionics Electronics Technician (CAET) credential, completed Avionics avionics training, and passed the FAA General Written examination. Brings deep knowledge of electrical and mechanical systems, data bus architectures, virtualized infrastructure, and fault isolation methodology to a career in airline maintenance operations, with a focus on Part 121 A&P roles at major carriers.

CREDENTIALS & CERTIFICATIONS

FAA Airframe & Powerplant (A&P) Certificate <i>Aviation Institute of Maintenance — Casselberry, FL</i>	<i>In Progress — General Written Passed</i>
Certified Avionics Electronics Technician (CAET) <i>Aircraft Electronics Association (AEA)</i>	<i>Certified</i>
Avionics Avionics Training <i>Avionics</i>	<i>Completed</i>
FCC General Radiotelephone Operator License (GROL) <i>Federal Communications Commission — Radar & GMDSS Endorsements (Elements 1, 3, 8 & 9)</i>	<i>Pending</i>
CompTIA Linux+ (Powered by LPI) <i>CompTIA</i>	<i>Certified</i>
CompTIA A+ <i>CompTIA</i>	<i>Certified</i>
CompTIA Network+ <i>CompTIA</i>	<i>Certified</i>
CompTIA IT Operations Specialist (CIOS) <i>CompTIA</i>	<i>Certified</i>
CompTIA Linux Network Professional (CLNP) <i>CompTIA</i>	<i>Certified</i>
CompTIA IT Systems Support Specialist (CSSS) <i>CompTIA</i>	<i>Certified</i>

PROFESSIONAL EXPERIENCE

A&P Aviation Maintenance Student <i>Aviation Institute of Maintenance — Casselberry, FL</i>	<i>2025 – Present</i>
• Passed FAA General Written examination; Airframe written in progress, Powerplant to follow • Coursework covering airframe structures, powerplant and turbine systems, fuel metering, lubrication, landing gear, fire protection, avionics, and instrument systems (FAA-H-8083-31B / 32B) • Training oriented toward transport-category aircraft systems and Part 121 maintenance practices, preparing for a career with a major commercial airline • Hands-on shop training in sheet metal fabrication, welding, hydraulics, and composite repair	
IT Consultant <i>Environment Management Consultants — Georgetown, Guyana</i>	<i>2009 – Present (Consulting)</i>
• Designed and implemented the organization's IT LAN network infrastructure, including switching, routing, and structured cabling • Deployed and managed enterprise Wi-Fi network infrastructure for reliable wireless connectivity across facilities • Virtualized server infrastructure to consolidate physical hardware and improve operational efficiency and uptime • Architected and deployed a self-hosted private cloud solution for internal data storage, backup, and collaboration	

- Configured and maintained VPN infrastructure for secure remote access and site-to-site connectivity
- Defined server hardware specifications, and installed and maintained data center servers, ensuring redundancy failover and backup integrity for the organization's IT operations

Founder & Lead Technician

2021 – 2024

AutoKeyTek — New York

- Founded and operated a specialist automotive electronics business focused on ECU/TCU programming, key coding, and electrical fault diagnosis for European vehicles (BMW, Mercedes-Benz, VAG group)
- Performed systematic fault isolation across CAN bus, LIN bus, and proprietary OEM data networks — methodology directly analogous to avionics troubleshooting
- Diagnosed complex electrical faults across ABS, transmission control, body electronics, and advanced driver-assistance systems using professional and OEM-level scan tooling
- Managed all technical operations, client relationships, and workshop administration as sole proprietor

Virtualization Engineer

2015 – 2020

National Data Management Authority — Georgetown, Guyana

- Designed and maintained enterprise virtualization infrastructure using Proxmox VE and VMware ESXi across government data center environments
- Administered multi-node Proxmox clusters, ZFS storage pools (RAIDZ), LXC containers, and KVM virtual machines supporting national-level IT operations
- Managed FortiGate firewall appliances, IPsec/IKEv2 site-to-site VPN tunnels, network segmentation, and perimeter security
- Led migration projects from legacy physical servers to virtualized infrastructure, improving redundancy and operational efficiency
- Implemented network monitoring, centralized logging, and security hardening across government systems
- Defined server hardware specifications, and installed and maintained data center servers, ensuring redundancy failover and backup integrity in support of national cyber security operations

Proprietor

2013 – 2020 (Side Business)

Narendra & Nadira Auto Sales (NNAS) — Georgetown, Guyana

- Operated an independent vehicle and equipment import/export business alongside full-time IT employment, sourcing tractors from Ireland, cars and trucks from Japan, and agricultural implements from China for resale in the local market
- Managed international sourcing, shipping logistics, and customs clearance across three continents, coordinating vendor relationships, inspection, and import documentation
- Handled end-to-end sales and customer relationships, from vehicle and equipment selection through delivery to local buyers
- Performed hands-on mechanical refurbishment and repairs — engine, drivetrain, electrical, and bodywork — on imported vehicles and equipment to bring them into sellable condition ahead of resale

IT Administrator

2009 – 2015

Low Carbon Development Strategy — Office of the President — Georgetown, Guyana

- Managed end-to-end IT infrastructure for the presidential initiative including servers, networking, workstations, and telecommunications
- Administered Windows Server environments, Active Directory, Group Policy, and enterprise messaging systems
- Maintained switching, routing, and WAN connectivity across government facilities; provided tier-1 through tier-3 technical support
- Served as sole IT authority for the department — responsible for all systems uptime, procurement, and vendor liaison

IT Support Technician

2007 – 2009

Various Employers — Guyana

- Provided hardware, software, and network support across commercial and government clients
- Built foundational expertise in systems administration, desktop support, and structured cabling

TECHNICAL SKILLS

Aviation & Avionics: Airframe & powerplant systems, turbine engine fundamentals, fuel metering, hydraulics, landing gear, fire protection, avionics troubleshooting, instrument systems, FAA regulations (Parts 43, 65, 91, 121, 135), sheet metal, composites, soldering (SMT reflow, micro-BGA rework, leaded SMD/QFP), cable harness fabrication

Electrical & Mechanical Systems: CAN bus, LIN bus, OBD-II, proprietary OEM data networks, ECU/TCU programming, electrical fault isolation, ABS and transmission electronics, wiring diagnosis, engine and drivetrain repair, mechanical refurbishment

IT Infrastructure: Proxmox VE, VMware ESXi, ZFS, Docker, Linux (CompTIA Linux+), Windows Server, Active Directory, FortiGate, IPsec/IKEv2 VPN, network monitoring, SIEM

Other: Python, technical documentation, multi-site operations management, small business administration

EDUCATION

FAA A&P Certificate Program

2025 – Present

Aviation Institute of Maintenance — Haines City, FL

GED Equivalency

ADDITIONAL

Languages: English (native)

Work Authorization: Authorized to work in the United States

Professional Website: www.nnas21.com