SACHAYANTHAN V

Senior Backend Engineer · MTS-3 — System Integrations & Automation

Email sachayanthan.v.1999@gmail.com **LinkedIn** linkedin.com/in/sachayanthan-v-jain-040838150
GitHub github.com/Sachayanthan-V **Portfolio** sachayanthan-v.github.io/Resume
Book a call calendly.com/sachayanthan-v-1999/hire-me **Location** India

SUMMARY

Backend engineer with **5.5+ years** building enterprise integrations and automation. MTS-3 at **Aquera**, where I build Node.js connectors and flow systems that link HR, ITSM and identity platforms, and improve the reusable integration engine underneath them. I own delivery end to end — talking to customers, designing the flow, building, testing, shipping and two weeks of hypercare — and I run AI-assisted engineering workflows with human review at every step. Background in mechatronics, electronics and robotics, so I think in whole systems, not just code.

60+	110+	70+	4.6/5	25+	~2 days
integrations delivered	reusable products shipped	customers served	customer rating	colleagues trained	dev + QA, down from 6–8 weeks*

EXPERIENCE

MTS-3 · Senior Software Developer — Aquera
Jan 2026 – Present

- Build **Node.js** connectors and flow systems that integrate HR (ADP Workforce Now, Dayforce, Workday), ITSM (Jira, ServiceNow) and identity platforms (Microsoft Entra ID, Active Directory, SFTP), automated end to end.
- Improved the **reusable integration engine** so new connectors (ADP, Greenhouse, UKG, Dayforce, Workday) are built in days, not weeks — dev + QA time for supported integrations went from **6–8 weeks to ~2 days**.*
- Design **event-driven flows** with retries, idempotency and graceful failure, behind **OpenAPI-first** contracts other teams build against.
- Own customer delivery for **70+ customers**: requirements, design, build, test, production release, validation on the customer's instance and 2-week hypercare — **4.6/5** customer rating; helped retain **10+** customers.
- Introduced an **AI-assisted engineering workflow** — specialised tools for requirements, architecture, build, QA and reporting — coordinated as one pipeline with human review at each step.
- Mentor the team: trained **25+ colleagues** on the integration platform and delivery practices.
- Recognised with Aquera's **Innovation of the Quarter** award (Aquera Stars) and promoted from MTS-2 to MTS-3.

MTS-2 · Backend Developer — Aquera
Dec 2024 – Dec 2025

- Built IAM, HR-system and directory connectors and OpenAPI-driven integrations on the Aquera platform.
- Connected HR systems, Active Directory and Microsoft Entra ID into one reliable **onboarding / offboarding** flow for enterprise customers.

Integration Developer — Tata Consultancy Services (TCS)
May 2021 – Dec 2024

- Migrated legacy **IBM IIB** interfaces to **Dell Boomi** and built new complex integrations — requirements through deployment, monitoring and support.
- Delivered **30+ interfaces** across SAP, QAD, Ariba, Workday, 4flow, EDW, TPDM/TCPLM and custom systems — purchase orders, sales orders, shippers, contractor data and product data.
- Built **4 Apigee** API proxies integrating SAP and QAD; API management, routing and load balancing.
- Wrote **JavaScript** scripting inside Boomi processes and **Python** scripts for automated testing and deployments; managed repositories on Azure Repos and GitHub.

SKILLS

Backend	Node.js, JavaScript, Express, Python, REST APIs, OpenAPI, Socket.IO, Passport.js, system design (event-driven flows, retries, idempotency)
Integration	Dell Boomi, Apigee (API management), IAM, SFTP, flat files, connector & flow design
Platforms	ADP Workforce Now, Dayforce, Workday, UKG, Greenhouse, Jira, ServiceNow, Microsoft Entra ID, Active Directory, SAP, QAD, Ariba
Data & cloud	MongoDB, Firebase, NoSQL, AWS
Frontend	React, Three.js, GSAP, HTML, CSS / Sass, jQuery, Bootstrap
Tools	Git, GitHub, Azure Repos, Postman, npm, Render, Studio 3T / Compass
AI	AI workflow orchestration, AI-assisted validation, QA and reporting — always with human review

PROJECTS

Zungga — Kids Learning Platform zungga.com

My own product: turning screen time into skill time for kids. Took it from idea to a live, working platform.

Interactive Portfolio + 3D Island Game sachayanthan-v.github.io/Resume

- Storytelling portfolio site (GSAP, ScrollTrigger, Lenis) with a resource-aware loader and mobile-first layouts.
- A playable 3D island in **Three.js** — no build step: drive, walk or bike between portfolio sections; day/night and seasons; weather; shops with a card balance and a work-a-shift economy; AI-voiced characters; pets; sports; a hidden cave.
- Engineering: a guarded game loop (one failing feature can't freeze the game), adaptive render quality, saved progress, touch and landscape controls; deployed on GitHub Pages.

CERTIFICATIONS

Top Performer — Back End (Node.js)
Coding Ninjas · Full Stack Web Development

Top Performer — Front End
Coding Ninjas · Full Stack Web Development

Top Performer — Data Structures in Python
Coding Ninjas

Top Performer — Introduction to Python
Coding Ninjas · Foundations

Full Stack Development (MERN) Career Camp
Coding Ninjas · 2022 – 2023

Boomi Associate Developer
Dell Boomi · Mar 2022

RECOGNITION

- **Innovation of the Quarter — Aquera Stars**: awarded for outstanding contribution to the organisation (certificate and cash award).
- **1st Prize — Smart India Hackathon** (national level).
- Hardware–software work: a non-invasive blood-pressure device and an AGV maze-solver concept.
- Coding profiles: LeetCode **Sachin23** · HackerRank **Sachayanthan_V**.

EDUCATION

B.E. Mechatronics Engineering — Rajalakshmi Engineering College, Chennai **2018 – 2021**
CGPA 8.7

Diploma, Electronics & Robotics Engineering — S.A.P.T.C, Thellar **2016 – 2018**
98.4%

* Development and QA time for supported integrations; customer UAT is separate and can take several weeks.