Ankush Ananth Bhat

Full-Stack & Cloud AI Engineer

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Summary

24+ months of production experience at **Niveus Solutions (NTT Data)**, a Google Cloud partner. Built and own **2** production SaaS platforms end-to-end: an AI-powered GCP governance platform serving **500+** daily users at **99%** uptime across **30,000+** cloud resources, and a vendor onboarding platform that cut payment-processing delays by **70%**. Stack: React.js, Next.js, Node.js, Express.js, Python (FastAPI), PostgreSQL, GCP and Gemini. **4×** Google Cloud certified, including Professional Machine Learning Engineer.

Technical Skills

Languages	JavaScript (ES2024), TypeScript, Python, SQL
Frontend	React.js, Next.js 14, Redux, Context API, Tailwind CSS, Ant Design, PrimeReact, React Flow, Vite, HTML5/CSS3
Backend	Node.js, Express.js, Python (FastAPI), Microservices, REST APIs, WebSockets, Server-Sent Events, JWT, Casbin
Databases	PostgreSQL, MySQL, Neon PostgreSQL, Prisma ORM, Firebase
Cloud & DevOps	Google Cloud Platform, Vercel, Render, Docker, Jenkins
AI & ML	Gemini Enterprise, Gemini/Vertex AI, Machine Learning, Groq API, Zod structured output, token-aware chunking
Tools & Practices	Git, GitHub, GitLab, Postman, Figma, Linux, Agile/Scrum, RBAC design, OTP & SSO Auth, Razorpay, WordPress

Experience

Niveus Solutions (part of NTT Data) **Nov 2025 – Present**

Cloud Associate (Software Developer) *Mangaluru, Karnataka*

- Cut design-to-build time by **20–25%** by owning a full **RBAC overhaul** (Internal/External users, org/app/group scoping): designed the PostgreSQL schemas and data models, then led API and UI implementation.
- Reduced perceived client-server latency by **30–40%** by building **real-time WebSocket layers** that power live collaboration across **3+** production applications.
- Cut alert-configuration effort for administrators by **20–30%** by architecting a **multi-channel notification and automation system** (3-table schema, JSONB-driven dynamic config).
- Cut repetitive UI development effort by **∼25%** across projects by building reusable **React.js component libraries** with Ant Design and PrimeReact.
- Earned **Star of the Month twice** across consecutive roles for high-impact delivery on client projects.

Niveus Solutions (part of NTT Data) **May 2025 – Nov 2025**

Cloud Explorer (Software Developer) *Mangaluru, Karnataka*

- Launched **PERN-stack** applications on GCP that served **100+** active users from day one, supporting client workflows end-to-end.
- Cut manual reconciliation effort by **∼15%** by integrating the Google Drive API for document workflows and adding **transaction audit logging**.
- Earned the **Google Cloud Associate Cloud Engineer** certification within **3 months** of going full-time, applying Compute Engine, Cloud Functions and IAM from live deployments.

Niveus Solutions (part of NTT Data) **Nov 2024 – May 2025**

Software Engineering Intern *Mangaluru, Karnataka*

- Contributed to **10+** client feature releases in React.js, Node.js, Express.js and PostgreSQL, and cut QA-flagged UI defects by **∼20%** by integrating REST APIs with responsive React frontends.

Projects

AI-Powered Cloud Governance Platform (Cloud Manager) **Nov 2025**

React, Redux, Ant Design, Node.js, Express, Python (FastAPI), PostgreSQL, GCP APIs, Gemini/Vertex AI

- Unified **30,000+** cloud resources across **14+** resource types (VMs, snapshots, org-level assets) into one inventory for SRE, FinOps and SecOps teams, by building a centralized GCP governance platform.
- Serve **500+** daily active users at **99%** availability by owning backend reliability, API stability and query performance at scale.

- Automated troubleshooting across **19** scenario-specific Gemini prompts by designing an AI diagnosis flow: a Node.js controller assembles context from Postgres and calls a Python FastAPI service.
- Secured FinOps, SecOps and ITSM workflows by implementing scoped **RBAC** for Internal/External users, plus real-time anomaly detection and multi-channel alerting.

Vendor Onboarding & Management Platform — Jun 2025

Node.js, Express, React, PostgreSQL, RBAC, OTP & SSO Auth, Cloud Storage

- Cut payment-processing delays by ~**70%** for finance teams by centralizing vendor data, documents and contracts into one source of truth with **document versioning** and a full audit trail.
- Enabled independent verification by **2** reviewer teams (Finance Admin, Compliance Admin) by designing a two-tier review workflow with role-based routing and automated approve/reject emails.
- Onboarded external vendors through a multi-step **dynamic form engine** (text + file uploads), secured with **OTP login (email + SMS)**, **Google SSO** for internal users and org-scoped RBAC.

TruthLayer – AI-Powered News Verification Platform | Live | Code — May 2026

Next.js 14, TypeScript, Groq API (Llama 3.3 70B), React Flow, Clerk Auth, Neon PostgreSQL, Prisma, Vercel

- Analyze any news article in under **15 seconds** by building an interactive React Flow evidence board (**12** nodes) that classifies claims across **4** types and scores manipulation on **5** dimensions.
- Cut failed extractions by ~**90%** on paywalled or blocked URLs by engineering a serverless-compatible Cheerio pipeline with token-aware chunking (**15,000+** word articles) and a paste fallback.
- Cut perceived wait time by ~**50%** by streaming results over **Server-Sent Events**, with Zod-validated structured JSON output and automatic retry logic.
- Shipped **cross-source contradiction detection** (two outlets LLM-diffed and ranked by severity), secured with Clerk Google OAuth and persisted via Prisma.

Quizzy Spark – Dynamic Quiz Engine | Live | Code — Dec 2025

React 19, Vite, JavaScript, Context API, Local Storage, Tailwind CSS

- Reached **30+** peers preparing for Google Cloud exams by building a quiz app with a built-in **GCP certification** module.
- Cut malformed-upload errors by ~**40%** with a JSON schema validator and real-time error feedback; preserved progress across sessions with auto-save and a synchronized **60-minute** timer.

Client Websites | Bronze Solar | Astro Fortune

React.js, Next.js, TypeScript, Tailwind CSS, Razorpay, WordPress

- Delivered **2** live websites end-to-end: a responsive, SEO-optimized corporate site for Bronze Solar (UAE solar manufacturer, **600MW** annual capacity) and an astrology platform with Razorpay payments for Astro Fortune.

Licenses & Certifications

Professional Machine Learning Engineer – Google Cloud — *Nov 2026*

Gemini Enterprise Agent Development – Google Cloud Partner Specialist — *Jul 2026*

Gemini Enterprise Deployment – Google Cloud Partner Specialist — *Jul 2026*

Associate Cloud Engineer – Google Cloud — *Jul 2025*

Writings & Articles

How I Built TruthLayer: My First AI-Powered Project to Fight Misinformation — *Jun 2026*

Secure Express APIs with Casbin RBAC & JWT — *May 2026*

Securing Your Express App with Helmet.js: A Practical Guide — *Dec 2025*

Leadership & Community

Community Lead, Sahyadri Open Source Community (SOSC); Member, Mozilla Campus Club — *2020 – 2024*

Student Vice President, Newton School Coding Club; **Event Management Lead**, GDSC, SCEM — *2022 – 2024*

Placements Head; **Vice Chair**, IEEE Student Chapter; **Treasurer**, MINDS Chapter, SCEM — *2023 – 2024*

Education

Sahyadri College of Engineering and Management — **Sep 2020 – Jun 2024**

B.E. in Information Science and Engineering, with Distinction | ***CGPA: 8.26/10*** — *Mangaluru, Karnataka*