

# Ankush Ananth Bhat

✉ ankushbhataab@gmail.com | 📞 +91-6360751937 | 📄 ankushab | 🌐 BhatAnkush | 🏠 bhatankush.github.io

## Summary

Full Stack Developer with 18+ months of production experience building and shipping cloud-native web applications at a Google Cloud partner (NTT Data). Specializes in **React / Next.js** frontends, **Node.js / FastAPI** backends, and **GCP** deployments. Currently building AI-powered full-stack products integrating LLMs (Llama, Groq) with real-time data pipelines. Holds the **Google Cloud Associate Cloud Engineer** certification.

## Technical Skills

<b>Languages</b>	JavaScript (ES2024), TypeScript, SQL
<b>Frontend</b>	React.js, Next.js 14, Tailwind CSS, React Flow, Vite, Context API, HTML5/CSS3
<b>Backend</b>	Node.js, Express.js, REST APIs, WebSockets, Server-Sent Events
<b>Databases</b>	PostgreSQL, MySQL, Neon PostgreSQL, Prisma ORM, Firebase
<b>Ai</b>	Groq API (Llama 3.3 70B), Zod structured output, token-aware chunking, SSE streaming
<b>Cloud &amp; DevOps</b>	GCP (Cloud Run, Cloud Build, Compute Engine, Cloud Functions), Vercel, Docker (exposure)
<b>Tools</b>	Git, GitHub, GitLab, Postman, Figma, Linux, Clerk Auth, Cheerio

## Experience

- Niveus Solutions (NTT Data)** **Nov 2025 – Present**  
*Mangaluru, Karnataka*  
*Cloud Associate (Software Developer)*
  - Design **PostgreSQL** schemas and data models for complex features, structuring the database layer upfront to simplify API design and reduce backend implementation time.
  - Designed and implemented **real-time WebSocket communication layers**, cutting perceived client-server latency and enabling live collaborative features across multiple production applications.
  - Engineered reusable **React.js** component libraries using **Ant Design** and **PrimeReact**, reducing repetitive UI development effort and accelerating feature delivery across multiple projects.
  - Awarded **Star of the Month twice** across consecutive roles, recognising consistent high-impact delivery and client project contributions.
- Niveus Solutions (NTT Data)** **May 2025 – Nov 2025**  
*Mangaluru, Karnataka*  
*Cloud Explorer (Trainee Software Developer)*
  - Delivered end-to-end **PERN stack** (PostgreSQL, Express.js, React.js, Node.js) web applications to production on **GCP**, directly supporting client workflows from day one.
  - Integrated **Google Drive API** for document management workflows and implemented **transaction audit logging** for financial data traceability across client applications.
  - Earned **Google Cloud Associate Cloud Engineer (ACE) certification** by applying hands-on GCP skills (Compute Engine, Cloud Functions, IAM) gained directly through production deployments.
- Niveus Solutions (NTT Data)** **Nov 2024 – May 2025**  
*Mangaluru, Karnataka*  
*Software Engineering Intern*
  - Built and debugged full-stack features in **React.js**, **Node.js**, **Express.js**, and **PostgreSQL** for client-facing application releases under production timelines.
  - Integrated **RESTful APIs** with responsive React frontends, improving data-flow reliability and reducing UI defects flagged in QA cycles.

## Projects

- TruthLayer — AI-Powered News Verification Platform** [🔗](#) *May 2026*  
*Next.js 14 · TypeScript · Groq API (Llama 3.3 70B) · React Flow · Clerk Auth · Neon PostgreSQL · Prisma · Vercel*
  - Built and deployed a full-stack AI application that analyses any news article URL into an **interactive React Flow evidence board**, classifying claims across 4 types (fact, opinion, logical fallacy, missing context) with a 5-dimension manipulation score.
  - Engineered a **serverless-compatible HTML extraction pipeline** (Cheerio scraper + token-aware chunking) that handles **15,000+ word articles** with a graceful paste fallback for paywalled or blocked URLs.
  - Integrated **Groq API (Llama 3.3 70B)** with **Zod-validated structured JSON output**, automatic retry logic, and **Server-Sent Events streaming** — the 12-node evidence board renders live as the model responds.
  - Shipped **cross-source contradiction detection**: two outlets covering the same story are independently analysed and LLM-diffed, ranking contradictions by severity; end-to-end secured with **Clerk Google OAuth** and persisted to Neon Postgres via Prisma.
- Quizzly Spark — Dynamic Quiz Engine with Custom JSON Parser** [🔗](#) *Dec 2025*  
*React 19 · Vite · JavaScript · Context API · Local Storage · Tailwind CSS*
  - Built a high-performance quiz application featuring a built-in **GCP certification** module and a flexible custom quiz engine; used by peers for Google Cloud exam preparation.
  - Developed a **JSON schema validation system** that parses uploaded quiz files, enforces schema integrity (ID, question, options, answer index), and surfaces real-time error feedback.
  - Implemented persistent state with **Context API + Local Storage**: auto-save, cross-session progress tracking, and a synchronized **60-minute countdown timer**.

## Writings & Articles

---

- **Securing Your Express App with Helmet.js: A Practical Guide** [↗](#)

18 Dec 2025

Backend

– HTTP headers are your app's first line of defense. Helmet.js sets the right ones automatically — here's exactly what it does and why every Express app needs it.

- **Ant Design: The Component Library That Puts UI Development on Autopilot** [↗](#)

25 Jan 2025

Frontend

– Stop rebuilding the same table, modal, and form from scratch. Ant Design ships 60+ production-ready components with a design system baked in — here's how to use it to ship faster without sacrificing quality.

- **CSS Container Queries: The Future of Truly Responsive Components** [↗](#)

10 Aug 2024

Frontend

– Media queries respond to the viewport. Container queries respond to the parent. Here's why that changes everything about how we build responsive UIs.

## Licenses & Certifications

---

- **Associate Cloud Engineer** — Google Cloud [↗](#)

Issued Jul 2025

## Leadership & Community

---

- **Member**, Mozilla Campus Club (SOSC)

2020 – 2022

- **Community Lead**, Sahyadri Open Source Community (SOSC)

2021 – 2024

- **Student Vice President**, Newton School Coding Club (NSCC), SCEM

2022 – 2024

- **Student Head**, Placements, SCEM

2023 – 2024

- **Student Vice Chair**, IEEE Student Chapter, SCEM

2023 – 2024

- **Treasurer**, Master of Information and Data Science (MINDS) student chapter, SCEM

2023 – 2024

- **Event Management Lead**, Google Developer Student Club (GDSC), SCEM

2022 – 2023

## Education

---

- **Sahyadri College of Engineering and Management**

B.E. in Information Science and Engineering | CGPA: 8.26/10

Sep 2020 – Jun 2024

Mangaluru, Karnataka