

Ankush Ananth Bhat

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Education

Sahyadri College of Engineering and Management Dec 2020 – Jun 2024
Bachelor of Engineering in Information Science and Engineering Mangaluru, Karnataka

Experience

Niveus Solutions (Part of NTT Data) Oct 2024 – Present
Cloud Associate, Technology Team Mangaluru, Karnataka

- Develop and deploy production-grade microservices on **Google Cloud Platform** using **Node.js**, **Express.js**, and **FastAPI**, serving live enterprise clients with high availability requirements.
- Architected real-time communication features using **WebSockets**, significantly reducing client-server latency and improving end-user experience across multiple web applications.
- Lead **React.js** frontend development with **Tailwind CSS**; built reusable component libraries that reduced UI implementation time by an estimated 30% across sprint cycles.

Niveus Solutions (Part of NTT Data) May 2024 – Oct 2024
Cloud Explorer, Technology Team Mangaluru, Karnataka

- Built and shipped full-stack web applications using the **PERN stack** (PostgreSQL, Express.js, React.js, Node.js) deployed to production on **Google Cloud Platform**, directly supporting real client workflows.
- Consistently delivered sprint milestones ahead of schedule by contributing across both **frontend** (React, CSS) and **backend** (Node.js, REST APIs) layers within agile development cycles.
- Earned the **Google Cloud Associate Cloud Engineer (ACE) certification** by applying hands-on GCP skills — including Compute Engine and Cloud Functions — gained directly within this role.

Niveus Solutions (Part of NTT Data) Nov 2023 – May 2024
Intern, Technology Team Mangaluru, Karnataka

- Developed and debugged full-stack features using **React.js**, **Node.js**, **Express.js**, and **PostgreSQL**, contributing directly to client-facing application releases under production timelines.
- Integrated **RESTful APIs** with responsive React frontends, improving data-flow reliability and reducing UI defects flagged during QA review cycles.
- Gained hands-on exposure to **GCP deployment pipelines** (Cloud Run, Cloud Build), laying the foundation for earning the Google Cloud ACE certification post-internship.

Projects

Quizzy Spark — Dynamic Quiz Engine and Custom JSON Parser [🔗](#) Dec 2025
React 19, Vite, JavaScript, Context API, Local Storage, Tailwind CSS

- Engineered a high-performance, responsive quiz application using **React 19** and **Vite**, featuring a built-in Google Cloud Platform (GCP) certification module and a flexible custom quiz engine.
- Developed a robust **JSON validation system** that parses and validates uploaded files for schema integrity (ID, question, options, and index-based correct answers), providing real-time error feedback for custom quiz creation.
- Implemented persistent state management utilizing the **Context API** and **Local Storage** to enable auto-save functionality, progress tracking across sessions, and a synchronized 60-minute countdown timer.
- Designed a comprehensive results dashboard that calculates performance metrics, pass/fail status (70% threshold), and provides a detailed review of answered vs. correct questions for enhanced learning.

Mentor Connect — Mentorship Ecosystem [🔗](#) Mar 2023
PHP, CSS, JS, MySQL

- Developed a unified mentorship platform comprising a **PHP/MySQL dashboard** and a **Java-based Android app**, facilitating real-time academic tracking for over 100+ users.
- Refactored backend services from PHP to **Node.js** and **PostgreSQL**, improving query performance and data consistency for high-frequency CIE marks and attendance tracking.
- Leveraged **Firestore** to automate meeting reminders and integrated **Firestore** for seamless, low-latency data synchronization across web and mobile clients.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3, Java


Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, FastAPI, Tailwind CSS, Flask, TensorFlow/Keras

Databases: PostgreSQL, MySQL, Google Firebase (Firestore)

Cloud & DevOps: Google Cloud Platform (Compute Engine, Cloud Run, Cloud Build, Cloud Functions), GCP ACE Certified

Tools: Git, GitHub, VS Code, Postman, WebSockets, REST APIs

Licenses & Certifications

• **Associate Cloud Engineer** — [Google Cloud](#) 

Issued Jul 2024

– Credential ID: b8e2dd650e7944c29f6e215525ad106c

Leadership / Extracurricular

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

Dec 2021 – Mar 2024

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

Aug 2022 – Apr 2023

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

Oct 2022 – Mar 2024