Yashkumar Kamleshkumar Patel

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SUMMARY

Google Cloud–certified Software Engineer with experience across frontend and backend development. Designs and builds scalable, real-time web applications, and deploys, operates, and monitors them on Google Cloud using core compute, networking, IAM, and CI/CD workflows. Strong foundation in system design, performance optimization, and end-to-end delivery from user interfaces to cloud infrastructure.

EXPERIENCE

SUNY Polytechnic Institute — College of Engineering   Aug 2025 – Present
Graduate Assistant — Full-Stack Development   Utica, New York

- Built responsive and modular UI components for the Freedom Dashboard, developed and operated on **Google Cloud Platform**.
- Integrated backend APIs and **WebSocket** channels to enable seamless real-time chat and notifications.
- Improved **UI rendering performance** by optimizing state management and reducing unnecessary re-renders.

Variance InfoTech Pvt. Ltd.   Jun 2024 – Dec 2024
Software Engineer — Frontend   Ahmedabad, India

- Developed production-quality React applications used by **1K+ users**, delivering clean UI and smooth user interactions.
- Collaborated with design teams to convert Figma prototypes into responsive UI with **Tailwind CSS**.
- Built and consumed REST APIs for real-time dashboards and data-driven product features.

Arihant Satiate   Jan 2023 – Nov 2023
Full Stack Intern   Ahmedabad, India

- Delivered end-to-end features using React, Node.js, and MySQL on **Google Cloud–hosted** environments..
- Streamlined UX flows and reduced load times by optimizing **cloud-served** assets and requests.
- implemented reusable components tested across **cloud-based deployments**.

PROJECTS

AIVEST — Intelligent Stock Assistant   Mar 2025 – Apr 2025
React.js, Node.js, REST APIs, WebSockets

- Integrated **ChatGPT API** to generate sentiment-driven trading insights from real-time market data.
- Implemented interactive UI for live price tracking and personalized stock recommendations.
- Built reusable charts and responsive components to visualize analytics effectively across devices.

BlockCerti — Digital Credential Platform   Jan 2023 – Nov 2023
React.js, Node.js, Web3, MongoDB

- Developed secure user-facing dashboard for certificate creation and validation.
- Improved UI reliability by adding form validations and accessibility best practices.

ConnectAssist — Community Support Platform   Oct 2023
React.js, Express.js, MongoDB, WebSockets

- Built real-time chat UI and scheduling features with reliable presence indicators.
- Implemented role-based UI components for secure multi-user workflows.

SKILLS

Frontend: React.js, TypeScript, JavaScript, Tailwind CSS, HTML5, CSS3, Responsive Web Design, UI Testing
Backend (supporting): Node.js, Express.js, Django, REST APIs, WebSockets, Auth Flows
Cloud & DevOps: Google Cloud Platform (GCP), IAM, Compute Services, Cloud Networking, Docker, CI/CD Pipelines
Databases: MongoDB, PostgreSQL, MySQL, SQLite (Cloud-hosted)
Engineering Concepts: Component Architecture, Performance Optimization, Scalability, Reliability, Agile, Microservices

EDUCATION

State University of New York Polytechnic Institute   Jan 2025 – Present
Master of Science in Computer Science **GLS University**   Apr 2021 – May 2024
Bachelor of Computer Applications

CERTIFICATES

GCP Professional Cloud Architect — Google Cloud (2026)
GCP Associate Cloud Engineer — Google Cloud (2026)
Machine Learning Specialization — Stanford Online / Coursera (2025)
Mathematics for Machine Learning and Data Science — DeepLearning.AI (2025)