

# YOGESH CHAUDHARY

QA Engineer & DevOps Enthusiast | Full-Stack Developer

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## PROFESSIONAL SUMMARY

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Computing student with hands-on experience in frontend, backend, and mobile application development. Strong foundation in secure systems, software quality, and application-level security through academic and practical projects. Experienced with Git-based workflows, REST API integration, and developing maintainable, testable applications. Interested in QA engineering and DevOps, with strong analytical problem-solving skills and a security-focused approach to software development.

## TECHNICAL SKILLS

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**QA & Testing:** Manual Testing, API Testing (REST), Test Case Design, Bug Reporting, Security Testing Concepts

**DevOps & Cloud:** Git, GitHub, Linux (Ubuntu), CI/CD Concepts, AWS (EC2, S3, IAM, VPC, CloudWatch Practitioner Level), Firebase, REST API Workflows

**Languages:** JavaScript (ES6+), Python, Dart, Kotlin, PHP, Java, C++, SQL

**Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap

**Backend & DB:** Node.js, Laravel, PHP, MySQL, Firebase Realtime DB

**Mobile:** Flutter (Dart), Kotlin (Android)

**AI / NLP:** spaCy, Hugging Face Transformers, MediaPipe, OpenCV

**Security Modules:** Secure Systems Design, Security-by-Design, Client-Server & Cloud Security Architecture

## PROFESSIONAL EXPERIENCE

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**Web Developer & Digital Marketing Assistant** | Reliable Flooring and Fixing Services Pvt. Ltd. Kathmandu, Nepal 05/2025 – Present

- Designed, developed, and maintained the company website using PHP and Laravel; ensured stable, testable deployments.
- Manually tested website functionality across browsers and devices, identifying and resolving UX and performance issues.
- Implemented SEO strategies and monitored site analytics to measure performance outcomes.
- Managed stakeholder requirements, iterated on features, and kept documentation up to date.

**Full-Stack Development Trainee** | C.O.L Think Space Pvt. Ltd. Kathmandu, Nepal 1-Month Internship

- Completed intensive full-stack traineeship covering end-to-end application development workflows.
- Contributed testable, performant features to internal office projects during active development cycles.
- Reinforced disciplined code practices: version control with Git, modular architecture, and peer review.

## PROJECTS

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**JobMitra – Job Finder Mobile App** | *Flutter, Dart, Next.js, REST API*

- Built cross-platform mobile app (Android & iOS) following clean architecture principles; integrated REST APIs for authentication, data management, and session handling.
- Wrote and executed manual test cases for user flows (login, job browsing, state management); fixed edge-case bugs before each release.
- Also developed a Next.js web companion during 5th semester, reinforcing full-stack integration skills.

**NLP-Based Job Recommendation Platform** | *Node.js, Python, spaCy, Hugging Face*

- Developed a web application that extracts skills from uploaded resumes via NLP and recommends relevant job roles.
- Designed and tested backend REST APIs with Node.js and Python; validated accuracy of skill-matching logic.

#### **VidGram – Social Media Application** | *Kotlin, Android, Firebase*

- Built Android app with Firebase integration: user auth, photo posts, real-time messaging, audio/video calling.
- Performed exploratory testing of real-time features to ensure reliability under concurrent usage.

#### **Personalized Virtual Assistant Chatbot** | *React.js, NLP*

- Built a React-based virtual assistant for task management and scheduling using natural language processing.
- Validated NLP intent recognition and reminder flows through systematic test scenarios.

#### **Gesture-Based Gaming System** | *Python, MediaPipe, OpenCV*

- Created real-time gesture recognition system for gameplay control; tuned model thresholds through iterative testing.

## **CERTIFICATIONS & TRAINING**

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#### **AWS Cloud Practitioner – Hands-On Workshop** | 12-Day Intensive Training 2026

- Gained practical exposure to core AWS services: EC2, S3, IAM, VPC, CloudWatch, and cloud cost management.
- Covered cloud architecture fundamentals, security best practices, and deployment concepts aligned with the AWS Certified Cloud Practitioner (CLF-C02) framework.
- Applied hands-on labs to provision infrastructure, configure access policies, and monitor cloud resources.

## **EDUCATION**

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#### **BSc (Hons) Computing** | Coventry University Coventry, United Kingdom 2023 – 2026

- Relevant modules: Secure Computer Systems (6th semester), analysed application-level and network-level security; covered security-by-design, legislation, client-server and cloud-based architectures.
- Additional modules: Full-Stack Development, Software Engineering, Algorithms, Databases.

## **ADDITIONAL**

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**Languages:** English (Professional), Nepali (Native), Hindi (Fluent)

**Interests:** Cybersecurity, Open-Source Contribution, Automation Tooling, DevOps Culture

**References:** Available upon request