

UMANG KUMAR

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TECHNICAL SKILLS

Languages: Java, Python, JavaScript, PHP, HTML5, CSS3

Frameworks & Libraries: React, Bootstrap

Databases & Backend: MySQL, SQL, Firebase

Tools & Platforms: Git, GitHub, Linux (CLI), Google APIs, FTP, Web Hosting, Microsoft Office

Salesforce: Platform Development, Agentforce, Admin, Apex, Visualforce, Lightning

Networking & Security: CCNA, HTTPS, Password Hashing, Authentication, Basic DB Security

EXPERIENCE

Salesforce Developer Intern | Trailmix by Smart Bridge (SB VIP 2025) | *May – Aug 2025*

- Completed Salesforce PD1 modules with hands-on practice in Apex, Visualforce, and Lightning components.
- Worked through Agentforce modules to learn about AI-driven automation within the Salesforce ecosystem.
- Followed Salesforce best practices for platform development, configuration, and deployment.

Freelance Web Developer | Self-Employed | *2020 – 2022*

- Built and deployed websites for early-stage startups — handled design, frontend, and backend (PHP/MySQL) end to end.
- Set up contact forms using Google API to automate submissions, and secured login with hashed passwords and HTTPS.
- Designed and maintained a personal portfolio using Bootstrap with responsive design and cross-browser support.

PROJECTS

ExamPro — Offline Secure Coding Examination System — *Final Year Project · IEEE Paper · Top Project at GITAM University*

- Built a fully offline desktop exam platform (Electron.js, Node.js, Express, AES-256 SQLite) supporting C, C++, Java, and Python with automated evaluation, sandboxed execution, and six verdict types.
- Implemented multi-layer anti-cheat: kiosk-mode lockdown, MAC-address device binding, real-time screenshots, USB/network monitoring, and global shortcut blocking — validated in GITAM University computer labs.
- Built an offline plagiarism engine (Jaccard + N-gram + identifier normalization) and crash-recovery restoring session time and auto-saved code after admin approval.
- Co-authored an IEEE research paper on ExamPro; project shortlisted among top final-year projects at GITAM University Hyderabad.

Route Rovers — Real-Time Bus Tracking — *GITAM University Hackathon*

- Developed a real-time bus tracking system using the open-source Leaflet.js library.
- Integrated live GPS location updates every 2 seconds for accurate tracking.
- Tested it personally on daily commutes to confirm location accuracy and reliability.

Quizify — Interactive Quiz Platform — *Java Team Project*

- Developed a quiz platform using Java with separate dashboards for students and teachers.
- Added features like quiz timer, student management, teacher-controlled quiz creation, and user login.
- Enabled automated result posting after each quiz attempt.

University Club Activities — *Web Developer | Graphic Designer | Event Manager*

- Helped manage events, design posters and websites, and support technical activities across multiple clubs.
- Played a key role in organizing quizzes, hackathons, and workshops with 100+ student participants.
- Worked closely with team members to plan events and guide juniors during activities.

EDUCATION

B.Tech, Computer Science | GITAM University, Hyderabad | *2022 – 2026*

CERTIFICATIONS & ACHIEVEMENTS

- Salesforce Platform Developer 1 (PD1) — Salesforce, 2025
- Networking Basics & CCNA — Cisco, 2025
- Introduction to Computers — Coursera, 2024
- Completed Google Cloud Study Jams, Gen AI Study Jam, and Google Cloud Arcade via Google Developer Club, GITAM — earned goodies for all three.