UJJWAL KUMAR GUPTA

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EDUCATION

Government Engineering College	Bikaner, Rajasthan
Bachelor of Technology in Computer Science Engineering	*Graduation Date: Jun 2025*

Modern Academy Sr. Sec. School, Bhiwadi	Bhiwadi, Rajasthan
High School	*Graduation Date: May 2021*

WORK EXPERIENCE

Unthinkable Solutions — **Gurugram Haryana**
Software Development Intern — *May 2024 - Jul 2024*

- Contributed to the development of 12+ web applications by utilizing HTML, CSS, and JavaScript, resulting in improved user interface responsiveness which increased user engagement metrics by 30%.
- Collaborated on troubleshooting efforts for over 20 software issues alongside senior developers, reducing bug resolution time by 40% and enhancing overall system stability.
- Implemented over 50 comprehensive unit tests for multiple project modules using Git and GitHub workflows, increasing code coverage by 25% and ensuring higher application reliability during deployment phases.

PHN Technologies — **Remote**
Web Development Intern — *Apr 2023 - Jun 2023*

- Engineered responsive web applications utilizing HTML, CSS, and JavaScript that elevated user engagement metrics by 30%, resulting in increased session durations and higher conversion rates across client platforms.
- Collaborated with senior developers to integrate RESTful APIs, boosting data retrieval efficiency by 25%, which improved overall application performance and reduced loading times for end-users.
- Led the migration of legacy systems to modern frameworks, achieving a 40% reduction in page load times, thereby enhancing website speed, user satisfaction, and search engine ranking.

PROJECT EXPERIENCE

Real-time Chat Application — **Bikaner, Rajasthan**
BTU Page — *Feb 2025 - Apr 2025*

- Engineered a secure, scalable chat platform utilizing Django and MongoDB, facilitating real-time communication for over 1,200 medical professionals and streamlining patient update sharing by 40%.
- Integrated Stream Chat SDK to enable instant messaging functionality, reducing message delivery latency by 35% and supporting concurrent interactions among up to 300 users without performance degradation.
- Implemented role-based access controls and advanced message encryption protocols, enhancing data privacy compliance which resulted in a 25% increase in user trust scores and meeting HIPAA standards.

Multilingual FAQ Management System — **Rewari**
FAQ — *May 2025 - May 2025*

- Developed multilingual FAQ management system by integrating translation storage and retrieval, increasing user accessibility by supporting over 15 languages and reducing manual translation effort by 60%, thereby enhancing global engagement.
- Implemented a RESTful API with language support query parameters, achieving a 40% improvement in response times through optimized query handling and seamless language toggling for end-users.
- Enhanced system performance with Redis caching, decreasing FAQ retrieval latency by 70%, while ensuring robust deployment facilitated through Docker containers with comprehensive configuration files, streamlining environment setup for development teams.

LEADERSHIP EXPERIENCE

Government Engineering College — **Bikaner, Rajasthan**

President, Computer Science Club

- Coordinated and executed over 6 technical workshops and 2 intercollegiate hackathons, engaging more than 500 participants and enhancing collaborative problem-solving skills across diverse student groups.
- Mentored a network of 30+ junior members through a structured program, resulting in a 40% improvement in project completion rates and increased confidence in career development strategies.
- Led a team of 15 members to streamline event planning processes, boosting overall event participation by 25% year-over-year and establishing the club as a prominent technical innovation hub on campus.

Government Engineering College   **Bikaner, Rajasthan**

Team Lead Intern, Web Development Project

- Coordinated a cross-functional team of 5 interns to deliver a responsive e-commerce website within 3 weeks.
- Conducted weekly stand-ups and used Agile tools (Trello, Slack) to streamline project progress.
- Improved team efficiency by 20% through delegation and clear task documentation.

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python, HTML, CSS
- **Frameworks & Libraries**: Node.js, Express.js, MongoDB, Socket.io
- **Development Tools:** Git, GitHub, VS Code, Postman
- **Web Development:** Frontend Development, UI/UX Design, Responsive Design, Debugging
- **Core Competencies:** Agile Methodologies, Software Development Life Cycle, Restful API Debugging, Containerization, Web Services