

GAGANDEEP SINGH

ASSISTANT PROFESSOR

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SUMMARY

I am a dedicated and passionate Assistant Professor in Computer Science with strong academic grounding and over one year of industry experience as a Web Developer. Proficient in web design and development using modern technologies such as HTML, CSS, JavaScript, React, and backend integration. Skilled in data analysis with a good command of tools like Microsoft Excel, Power BI, and basic Python for data-driven insights. Committed to delivering quality education, fostering innovation in the classroom, and bridging the gap between theoretical knowledge and real-world applications. Adept at curriculum development, project mentoring, and guiding students in practical technology-based learning.

EDUCATION

- Master of Science (Information Technology)**
Government College, Hoshiarpur (2021 - 2023)
Percentage - 85.04 %
- Bachelor of Science (Computer Science)**
Government College, Hoshiarpur (2018 - 2021)
Percentage - 69.35 %

TECHNICAL SKILLS

- Data Analysis:** Proficient in Excel, SQL, Power BI for data analysis and reporting.
- Databases:** Microsoft SQL Server, PostgreSQL, MySQL Workbench.
- Frontend Development:** HTML/CSS, JavaScript, React JS, Web Design.
- Programming Languages:** C/C++, JavaScript, Python Programming.
- Tools & Platforms:** Canva, GitHub, VS Code, Jupiter Notebook, Google Sheet, REST API Integration.
- Institutional Portals:** PTU docs, AICTE, AISHE, PTU Portal and related academic regulatory platforms.

PROFESSIONAL WORK EXPERIENCE

- ASSISTANT PROFESSOR IN COMPUTER SCIENCE** (July 2024 - Present)
College: Hoshiarpur Institute of Management & Technology, Hoshiarpur (Affiliated to IKG PTU)
 - Delivered theoretical and practical sessions to **Computer Science** students, ensuring a balance between strong academic understanding and real-world applications.
 - Guided and mentored students for **placement preparation**, providing hands-on training in **Web Designing, Web Development using latest technologies like React JS, Animated Website Designing, Data Analytics, Power BI Development**, and other industry-relevant skills.
 - Managed and analyzed student academic and attendance data to support academic decision-making and enhance student performance tracking.
 - Designed and maintained various creative templates, posters, and communication materials for institutional events, contributing to the college's branding and visibility.
 - Experienced in managing **IKG Punjab Technical University (PTU) Portals**, including tasks like student data handling, result analysis, and document verification.
 - Served as **Printing Cell Coordinator** under **Examination Cell**, responsible for secure handling, printing, and distribution of question papers and ensuring strict adherence to protocols and timelines.
 - Hands-on experience in managing and updating data on **AICTE, AISHE, PTU Docs, and other regulatory portals**, ensuring compliance with statutory and accreditation requirements.
 - Collaborated with college administration to streamline data reporting and documentation for various academic and administrative purposes.

- **WEB DEVELOPER** (August 2023 – February 2024)

Company : UTL Homes Pvt. Ltd., Noida

- Developed and maintained the company's official website, ensuring responsive design, performance optimization, and user-friendly interface.
- Independently developed the official website of the company's subsidiary **UTL IT Solutions**, from design to deployment.
- Interacted directly with clients to understand their requirements and delivered customized websites as per business needs.
- Utilized technologies such as **HTML, CSS, JavaScript, Bootstrap, React JS, Tailwind CSS, Node JS** for front-end and back-end development.
- Ensured timely updates, bug fixes, and enhancements to maintain website functionality and user experience.
- Coordinated with the design and marketing teams to implement creative, interactive, and SEO-friendly web solutions.

- **FULL STACK WEB DEVELOPER INTERNSHIP** (January 2023 – July 2023)

Company : PG Tech Pvt. Ltd., Chandigarh

- Underwent hands-on training in Full Stack Web Development, gaining practical experience in modern web technologies.
- Worked on multiple live projects, contributing to both front-end and back-end development tasks under senior developer guidance.
- Acquired skills in web development tools and technologies including HTML, CSS, JavaScript, React JS, Node JS, and MongoDB, enhancing understanding of end-to-end web application development.
- Collaborated with the development team in designing, coding, testing, and debugging web applications.

CERTIFICATIONS

- ISO Certificate in Web Development
- Data Analysis using Excel (Great Learning)
- PwC Power BI Virtual Experience (Forage)

LANGUAGES

- English (Full Professional Proficiency)
- Hindi (Full Professional Proficiency)
- Punjabi (Full Professional Proficiency)