SHREYESKA SILWAL

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EDUCATION

St. Xavier's College   **Kathmandu, Nepal**
Bachelor of Information Management   *Expected Graduation, October 2025*

Global College of Management   **Kathmandu, Nepal**
+2 (High School)   *Graduated 2020*

SKILLS

HTML, CSS, JavaScript, NodeJS, MongoDB, SQL, Python, C.

PROJECTS

Info-Her   *February 2024 - May 2024*
- Collaborated in a team of three to develop a website that allows ward 17 to update all the events and activities going on within the ward.
- Contributed to the backend design and development of the application, ensuring a secure website.
- Acquired proficiency in web-app development using the MERN (MongoDB, Express.js, React, Node.js).
- Gained valuable insights into the complexities of managing and disseminating community information, and how technology can facilitate effective communication and engagement.

Naritwa   *May 2024*
- Collaborated in a team of three to develop a specialized chatbot aimed at assisting with women-centric laws.
- Contributed to the frontend design and development of the application, ensuring user-friendly interface and experience.
- Acquired proficiency in web-app development using RASA, a platform for building conversational AI applications.
- Gained valuable insights into the complexities of women-centric legal issues and how technology can aid in navigating them effectively.

Nawa Aama   *October 2023 – December 2023*
- Developed a supportive online platform for new and expecting mothers.
- Led front-end design using HTML, CSS, and JavaScript.
- Contributed to back-end development with Node.js, Express.js, and MongoDB.
- Collaborated in a team of three, enhancing problem-solving and teamwork skills.

EXPERIENCE

IME Digital Solution Pvt. Ltd.   **Kathmandu, Nepal**
AI Research / Software Engineering   *June 2024 – Present*
- Led AI research, focusing on advancements in Generative AI for FinTech applications.
- Enhanced system performance through optimization of existing processes.
- Developed backend solutions using Node.js to support key functionalities.
- Currently building and maintaining the frontend of the in-house KYC project using React.
- Automated email reporting workflows with Nodemailer.
- Conducted data analysis for fraud detection and customer re-verification.
- Automated JSON to SQL query conversion, streamlining processes for the QA team.

Tech Leadhers cohort 2024   **Kathmandu, Nepal**
Fellow   *February 2024 – May 2024*
- Completed a 10-days intensive bootcamp, gaining skills on MERN stack, design thinking, project management and leadership skills.

- Worked on a project for the theme "Women's Empowerment" for ward 17 as a group project in collaboration with Kathmandu Metropolitan City (KMC).

Women Leaders in Technology (WLiT) Fellowship 23/24   Kathmandu, Nepal
Fellow   *October 2023 – June 2024*

- Completed a two-week intensive bootcamp, mastering Git/GitHub, JavaScript, Node.js, MongoDB including the implementation of CRUD operations and leadership skills.
- Successfully contributed to the group project 'Nawa Aama', demonstrating proficiency in software development.
- Gained a comprehensive skill set and knowledge during the fellowship.

Department of Computer Science Alumni Committee, St. Xavier's College
President   *April 2023 – April 2024*

- Led strategic programs for student enrichment in the Department of Computer Science.
- Secured funding recruited top alumni volunteers, and orchestrated impactful programs such as Grand Alumni Meet, Panel Discussion 2023.

Department of Computer Science Quiz Competition, St. Xavier's College
Co-organizer   *July 2023*

- Co-organized departmental quiz competition ensuring smooth execution.
- Recruited and coordinated volunteers for various tasks and secured sponsorships to support the event.

ACTIVITIES

Girls-To-Code   *December 2023*

- Attended a three-day React bootcamp at IOE Pulchowk. The bootcamp taught fundamental ReactJS principles. Completed homework and exercises to clarify topics.

EXTRACURRICULARS AND VOLUNTEERING

Volunteers:

Welfare Program: Manav Kalyan Samaj   *July 2023*

- Co-organized a welfare program aiding elderly and disabled residents, promoting community engagement, and enhancing well-being through student involvement.

Rural Immersion Camp: Shree Jaya Bageshwori Madhyamik Bidhyalaya   *June 2023*

- Co-organized a welfare program aiding elderly and disabled residents, promoting community engagement, and enhancing well-being through student involvement.

HONORS AND AWARDS

Locke and Stiller Research Award (LSRA) Journal Club   *February 2023*

- Received first place in Locke and Stiller Research Award (LSRA) Journal Club for outstanding analytical skills, understanding of research paper and presentation excellence.

Locke and Stiller Research Award (LSRA)   *April 2023 – March 2024*

- Conducted research on "Credit Card Fraud Detection Using Supervised Machine Learning Algorithms" as part of the Locke and Stiller Research Awards program.
- Received formal acknowledgment, trophy, and medal for exceptional research contribution in a formal ceremony.
- Demonstrated commitment to academic excellence, discipline, and leadership in fulfilling duties and responsibilities as an awardee.

REFERENCES

Ganesh Yogi   ganeshyogi@sxc.edu.np   +977 9841556269
Head of Computer Science Department, St. Xavier's College