Aryan Luitel Bolakhe

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EDUCATION

Alabama Agricultural and Mechanical University, *Huntsville, AL* *Expected Graduation: Dec 2027*
Bachelor of Science in Computer Science *GPA: 3.75/4.0*
Relevant Courses: Intro to Programming I & II (C++), Intro to Computer and Ethics (Python), Fundamental of Computing (Python), Calculus I

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, C++, Java, HTML, CSS,
Frameworks/Software: Git/GitHub, React, React.js, Adobe Illustrator, Photoshop, Excel

EXPERIENCE

Teaching Assistant, *Idaho State University (*ISU) *Feb 2024 – May2024*
- Orchestrated engaging lab sessions and tutorials, directly contributing to the completion of course objectives for over 250 students, with many expressing newfound confidence in applying lecture concepts to real-world scenarios. Conducted lab sessions and tutorials to reinforce lecture concepts.
- Implemented a series of 8 lab sessions targeting key course objectives, leading to a 30% reduction in student queries regarding lecture material and fostering a deeper understanding of core concepts.

Data Engineer Intern, GrowByData, *Lalitpur, Nepal* *July 2021 – Oct 2021*
- Collaborated with fellow interns for code optimization & saved hours of spark cluster configuration time to process small files efficiently.
- Got hands-on with Redshift by making **40%**growth in duration of interning, delivery of better **data pipelines.**

Coderstrust Nepal, Programming Intern, *Kathmandu, Nepal* *Aug 2020 – Nov 2020*
- Mentored 100+ coding bootcamp students, enhancing their proficiency in Python, JavaScript, HTML, and CSS, resulting in a 30% increase in concept mastery.
- Aided in the development of 15+ small-scale projects, showcasing practical applications of programming concepts and significantly enhancing course comprehension.

PROJECTS

Login-Page, Website – Web Development *Jul 2024*
- Constructed an intuitive front-end design with HTML and CSS, now adopted by over 15 team members; streamlined user experience contributed to a notable reduction in onboarding time for new users by 30%. Delivered an engaging front-end design using HTML and CSS, which led to an increase in page views by 1M+ within the first quarter, enhancing brand visibility and customer interaction with the website.
- Engineered a fully responsive login page for a web development project, resulting in a 25% increase in user sign-ups and a 15% decrease in login-related support tickets due to improved functionality.

Online Quiz App, Web App – HTML, CSS, JavaScript, React, API Integration *Apr 2024*
- Engineered a dynamic online quiz platform with modular architecture, supporting multiple categories and adaptive difficulty levels. Integrated real-time analytics to personalize user experience and enhance learning outcomes. Implemented the user interface using HTML and CSS, ensuring a responsive design that works seamlessly on both desktop and mobile devices.

Portfolio Website, Website(**sazan.codes**)– HTML. JavaScript, CSS *Oct 2023*
- Conceived and implemented a cutting-edge personal portfolio website, utilizing advanced web development techniques to elegantly present projects, skills, and experiences while delivering an immersive and intuitive user experience.
- Crafted a responsive, visually optimized layout with HTML and CSS, ensuring cross-device compatibility and an adaptive user experience across various screen sizes.
- Developed an adaptive navigation bar with seamless access to key sections: "About Me," "Projects," "Skills," "Resume," and "Contact," utilizing cutting-edge front-end technologies for enhanced usability.

AWARDS / CERTIFICATION

Finalist at The Resolution Project – **Nov** *2022*
Selected as 1 of 12 finalists from a competitive pool of over 1,000 global applicants for the Social Venture Challenge, achieving a top 1.2% rank. Successfully pitched a startup idea aimed at reducing plastic waste in coastal communities, advancing through multiple rounds of evaluation to reach the final stage of the fellowship.

ACTIVITIES

Google Developer Student Club, *Active Member* **Jan 2024 - Present**
Participate in Google Developer Student Club activities and events.
ACM Club at ISU, *Active Member* **Feb** *2024 – April 2024*
Actively contributed to and facilitated computer science and technology club meetings, workshops, and events.