

SHIVANSH SHALABH

716-907-9653 | Buffalo, NY | shalabhshivansh@gmail.com | linkedin.com/in/shivansh-shalabh | shivanshcodes.tech

EDUCATION

University at Buffalo , The State University of New York Bachelors of Science, Computer Science Honors College, Presidential Honors Scholar	Expected May 2027
Delhi Public School Ruby Park , Kolkata, India 9.4/10 CGPA, High School Diploma, Engineering Science	May 2018 - May 2023

RELEVANT SKILLS & COURSES

Languages: Python, C++, C, JavaScript, Java, Rust
Data Management & Analytics: SQL, MongoDB
Software Development: ReactJS, NodeJS, Express, Django, EJS, REST API, Redux, HTML, CSS, SCSS
Operating Systems: Linux (Manjaro, Ubuntu, Fedora)

RELEVANT WORK EXPERIENCE

Technology Lead — Google Developers Student Club (GDSC) <ul style="list-style-type: none">Plan and host technical workshops and events, alongside a team of six core members, for GDSC members on various Google technologies, such as Android, Cloud Platform, Vertex AI, and Docker.Mentor and support GDSC members in technical development, help prepare for technical interviews and encourage them to contribute to the open-source community.	October 2023 - Present
Researcher — Department of Computer Science & Engineering - University at Buffalo <ul style="list-style-type: none">Research with a team of seven graduate students and Prof. Ziming Zhao and follow CS3210, a course by Georgia Tech exploring OS Design with a focus on Rust's low-level capabilities and its relevance for secure OS design.Present regular course summaries and associated research findings to the team.	September 2023 - Present
Full-stack Web Developer — Holistic Kids Foundation, CA, USA <ul style="list-style-type: none">Designed and architected Sinna, a MongoDB, Express, React, and NodeJS (MERN) application serving over five thousand children with special needs engaged with the organization works with.Collaborated with 5 developers and designers to code app's features & functionalities with Material Kit 2 React.	July 2023 - August 2023

RELEVANT COMPUTER SCIENCE PROJECTS

TuneInAI, AI-powered Music Player: <ul style="list-style-type: none">Developed an AI-driven music player with ReactJS to provide song recommendations based on user emotions.Prioritized user privacy by ensuring that facial recognition and mood detection happen on the client side.	October 2023
Attentive, AI-powered video-chat app: <ul style="list-style-type: none">Engineered a video calling app with MongoDB, ExpressJS, ReactJS, and NodeJS, using Socket.io & PeerJS.Incorporated facial recognition to automate regular attendance tracking in online classes with face-api.js.	June 2022 - August 2022
Jagriti App, web platform for NGOs: <ul style="list-style-type: none">Built a web portal for NGOs with HTML, CSS, JavaScript, Django, and SQLite.Implemented a role-based access control system to manage diverse user roles (donors, admin, donee), ensuring precise functional regulation through assigned permissions.	August 2021 - October 2021
ZoomoBot, Automated Attendance Tracking Bot: <ul style="list-style-type: none">Scripted a Python bot to join Zoom meetings, scrape the participants with Selenium, and mark the attendance.Integrated a feature to record the attendance in the Excel sheets with Openpyxl.	September 2021

LEADERSHIP AND VOLUNTEERING EXPERIENCE

President, Wilkeson Hall — Residence Hall Association, University at Buffalo <ul style="list-style-type: none">Host weekly meetings formulating agendas, & efficiently delegating responsibilities, promoting a productive work environment while representing a residence population of 1000+ college students.Collaborate with a team of 9 council members organizing events while financing a limited yearly budget.	September 2023 - Present
Youth Advisory Board Member — YuWaah at UNICEF India <ul style="list-style-type: none">Collaborated with a diverse team of 40 changemakers from around the nation to brainstorm and implement strategic policies and programs focused on empowering youth through upskilling initiatives.Advocated at national conferences organized by UNICEF, representing the millions of youth of India.Presented as a speaker for the inaugural episode of the #ImPactWithYouth podcast series, alongside Mr. Ashwin Yardi, CEO of Capgemini India, discussing the future of tech & changemaking through tech.Led impactful social media campaigns, reaching and engaging thousands of youth demographic.	March 2022 - May 2023

HONORS AND AWARDS IN SOFTWARE ENGINEERING

Google India Code to Learn Winner , Google India, Google Cloud, ACM India Council, IISC Bangalore	January 2022
Top 50 Changemakers of India , Futures Egalitarian Ethical Liberal Leaders (FEELL)	April 2022
Most Promising Innovator Award - Intel India and CBSE	December 2021
General Hack Winner HackJA Spring 2021 - Junior Achievements of New Jersey 2021	June 2021
Competitive Programming Winner, Shastra Junior'21 - Indian Institutes of Technology, Madras	October 2021
Top 10 National Coders - Code Battle 1 - Condingal India 2021	May 2021