

Amandeep Singh Bhalla

Toronto, ON | <https://www.linkedin.com/in/amandeep-singh-bhalla-a3689a131> | <https://github.com/Amandeep2230> | <https://amandeep2230.github.io/>

SKILLS

- **Computer Languages:** Python, Java, JavaScript
- **Technologies:** React, Next JS, Tailwind CSS, HTML5, CSS3, Figma, Power BI, Azure, REST API, Stripe
- **Backend:** MongoDB, MySQL, Spark, Firebase, PHP, Node JS
- **Other Relevant Technologies:** Android App Development, Scrum, Agile, VMWare, Android, Jira, GitLab

EDUCATION

Master of Applied Computing

September 2021 – April 2023

University of Windsor, Windsor, Ontario, CA

Key Courses: Advanced Software Engineering Concepts, Advanced Database Topics, Advanced Computing Concepts, Advanced Systems Programming, Internet of Things, Network Security

Bachelor of Technology, Computer Science Engineering

July 2017 – May 2021

Amity University, Noida, India

Key Courses: Data Structures, Database Management Systems, Compiler Construction, Computer Architecture

WORK EXPERIENCE

Software Testing Intern, Nuance Communications (Microsoft), Montreal

September 2022 – April 2023

- Working in the QA team and collaborating with developers to test different functionalities based on requirements
- Analyzing and performing tests on Power BI reports and SSRS reports
- Performing big data validation to ensure clean data using Azure Data Bricks
- Volunteered to learn and work on new tasks like testing and debugging the API's using Post Man
- Participating in meetings, knowledge sharing sessions, and providing feedbacks on the product being developed
- Collaborated with 3 former interns to participate in MS Hackathon 2022 and developed a smart checkout app
- Writing clean and useful documentation on Confluence
- Operating the CI/CD pipeline to create databases and populating them with data

Software Developer Intern, Amity University, Noida

April 2020 – June 2020

- Planned and developed UI that simplified overall management and were easy to use in development of a web app using php and python
- Liaised with team and project manager to discuss daily agendas and the results achieved

ACADEMIC PROJECTS

[Sneakify \(NextJS, Tailwind CSS, Firebase, Stripe\)](#)

May 2023

- Developed an ecommerce store using NextJS and Tailwind CSS and Stripe payment system, giving users an amazing and smooth online shopping experience

[Instagram Clone \(NextJS, Tailwind CSS, Firebase\)](#)

March 2023

- Developed an Instagram clone using NextJS, Tailwind CSS and Firebase
- Applied authentication using Google's auth system and provided functionalities such as creating posts, accessing feed, and liking and commenting on existing posts

[ZUNI \(Java, Python, XML\)](#)

January 2021 – April 2021

- Created an android based Virtual Personal Assistant app "ZUNI" in a team of 4 members
- Developed various functionalities like voice access, setting alarms, scheduling events, sending mails and, reporting weather using Java and Python

[Smart Appointment and Attendance System \(PHP, SQL, HTML, CSS\)](#)

July 2020 – August 2020

- Developed an appointment and attendance system as a solo project using php and SQL
- Applied the concept of geo-fencing that makes use of IP addresses to develop a smart system that dynamically logs the attendance of students based on their location of access