Amandeep Singh Bhalla

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SKILLS

- **Computer Languages:** Python, Java, JavaScript
- **Technologies:** HTML5, CSS3, PHP, XML, Figma, Power BI, Azure Data Bricks, Post Man
- **Databases:** MongoDB, MySQL, Spark
- **IDEs Operated:** Visual Studio Code, Android Studio, Jupyter Notebook, Eclipse, NetBeans, Spyder (Anaconda)
- **Other Relevant Technologies:** Scrum, Agile, VMWare, Android, Jira, GitLab

EDUCATION

Master of Applied Computing   September 2021 – April 2023 (Expected)

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 – Present

- 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 data validation to ensure clean data using Azure Data Bricks
- Volunteered to learn and work on new tasks like testing 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

WAV to MIDI Sound Converter (JavaScript, HTML, CSS)   May 2022
- Developed a WAV to MIDI sound converter (piano only) web app which allows user to download the converted file using JavaScript and HTML which was hosted online using Netlify

EduKids (Java, XML)   September 2021 – December 2021
- Collaborated with a team of 7 members to make an android based educational app for children "EduKids"
- Developed overall architecture using Java and analyzed AR models into obj files followed by integration
- Planned and implemented the phases of life cycle model and documented QA plan

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