Aman Chauhan

4418, Waterford Cresent,
Mississauga, ON L5R 2B6

My Portfolio
226-961-6274
✉ chauha46@uwindsor.ca
○ chauhanaman2748
in amanchauhan2748
▶ g.dev/chauhanaman2748

TECHNICAL SKILLS

- **Languages:** C, Java, JavaScript, TypeScript, HTML, CSS
- **Frameworks:** Flutter, React, Express, Nodejs
- **Databases:** Relational Databases (SQL, MySQL), and NoSQL (MongoDB)
- **Development Tools:** VSCode, GIT, JIRA SD, MS Office, Jenkins
- **Deployment Platform:** AWS EC-2, Heroku, Render, Play Store, Firebase
- **Operating Systems:** Linux (Ubuntu, Debian), UNIX, Windows
- **SDLC Models:** Scrum, Agile

EDUCATION

Master of Applied Computing   Sep 2022 - Present
University of Windsor, Windsor, Ontario
- Available for 4-8 months of internship, starting in September 2023
- Relevant Coursework: Advanced Database Topics, Advance Software Engineering, Advanced Systems Programming and Advanced Computing Concepts

Bachelor of Technology in Computer Science   Aug 2018 - Jun 2022
Sharda University, Greater Noida, Uttar Pradesh, India
- Relevant Coursework: Java, DBMS, C, Data Structures and Algorithms, PHP, Python, Linux

ACADEMIC PROJECTS

WinMac (Team Project)   Jan 2023 - Mar 2023
University of Windsor, Windsor, ON
Source Code: *https://github.com/WinMac-Uwindsor*
- Designed a website based on React, Express, Nodejs and MongoDB, and hosted it on Render
- Been collaborative with 3 other team members to scan previous Co-op placements' data and events' details, and provided event suggestions using Python and Selenium
- Derived unit testing during all 3 features, for debugging and maintaining software quality
- Supervised team communication and ensuring seamless system integration with 5+ modules in project
- Suggested required skills for interested job roles and events to gain hands on relevant skills

AYA- Child Care (Team Project)   Sep 2022 - Dec 2022
University of Windsor, Windsor, ON
Available On: *https://play.google.com/store/apps/details?id=com.AC_Services.unnovate*
Source Code: *https://github.com/chauhanaman2748/AYA_ChildCare*
- Analyzed customers' requirements and prepared Figma based UX design to support 3 features in app
- Created Flutter based cross platform UI for iOS and Android to reduce maintenance cost of app
- Simulated hardware functioning of Arduino Uno on Wokwi, to visualize its 2 features cost-effectively
- Implemented Java based backend and MySQL database on Heroku, connected with RESTful APIs
- Developed the project with strict adherence to regulatory compliance standards, ensuring that all data and transactions within the app are secure and in accordance with industry regulations

WORK EXPERIENCE

Software Developer Student   Sept 2023 - Present
Blackberry, Mississauga, ON, Canada
- Assisted in making of sprint target in biweekly sprint planning meeting
- Resolved the bugs and defects assigned in the codebase of the software interface
- Wrote unit tests and validation function to pass the tests as a desired function
- Worked on Storybook development and UI designing with Figma designs
- As UI developer worked on various functionalities of the project as teamwork, with React, TypeScript, CSS and JavaScript

Information Technology Intern   May 2021 - Jul 2021
RADNIK EXPORTS PRIVATE LIMITED, Noida, India
- Implemented XML parsing in existing codebase, resulting in streamlined data handling and improved data accuracy for customers
- Developed and executed automated testing scripts using Selenium to ensure the quality of web applications and used Postman for API testing, reducing manual testing effort by 50%
- Optimized SQL queries for a database-driven application, resulting in improved query performance and faster data retrieval for end-users
- Assisted project manager in coordinating project activities, creating project timelines, and monitoring progress, resulting in successful project completion within the given timeline and budget constraints

Software Development Intern   Jan 2021 - Feb 2021
National Mission for Clean Ganga, New Delhi, India
- As software developer, examined the NMCG websites' front end and rectified more than 5 required changes, the company was able to improve the user experience of its staff members
- Collaborated with the project manager to enhance continuous version integration on EC-2 cloud helped the company to streamline its development process, reduce development time, and ensure that the latest version of the application is always available to its customers
- Re-designed several modules using Visual Studio Code and React framework helped the company to develop a modern, responsive, and scalable application that can adapt to changing market needs
- By inspecting requirements, documenting changes, errors, and reporting daily progress in Scrum reports, the company was able to keep track of project progress, identify and resolve issues in a timely manner, and ensure that the project was delivered on time and within budget thus, helped the company to increase efficiency and productivity, while also improving the quality of the final product

PERSONAL PROJECTS

Client-Server   Apr 2023 - May 2023
Source Code: *https://github.com/chauhanaman2748/Client-Server-with-Sockets*
- By using sockets for communication between the server, mirror, and clients helped to ensure that the communication is fast, secure, and reliable over two Linux machines
- Designed commands, including findfile, sgetfiles, dgetfiles, getfiles, and gettargz, enable clients to request specific files or sets of files from the server efficiently, with appropriate error messages and options for unzipping files
- The alternating between the server and mirror ensures reducing server load and improving server performance