

Aman Chauhan

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TECHNICAL SKILLS

- **Languages:** Dart, Objective C, C++, Java, JavaScript, HTML, CSS
- **Frameworks:** Flutter, React, Express, NodeJS
- **Databases:** Relational Databases (SQL, MySQL), and MongoDB
- **Development Tools:** Android Studio, VS-Code, GIT, JIRA, Confluence, MS Excel, Docker, Jenkins
- **Deployment Platform:** AWS EC-2, Heroku, Render, Play Store, Firebase
- **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 (Linux and Unix), 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, Node and MongoDB, and hosted it on Render
- Collaborated 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 functional specifications to support 3 features in app
- Created a Flutter based cross platform application for iOS and Android to reduce maintenance cost of app
- Simulated hardware functioning of project, to visualize its 2 features cost-effectively
- Implemented Java based backend and MySQL database on Heroku, with Spring Boot for 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

Cashier (Part-time)

Oct 2022 - Jan 2023

Kitchen Stuff Plus, Windsor, ON, Canada

- Assisted customers by providing information and resolving their complaints
- Helped customers with billing, coupon redemption and refunds as a cashier

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 test scripts using Selenium to ensure the quality of web applications, 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' frontend and rectified more than 5 required changes, the company was able to improve the user experience of its staff members
- Collaborating 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-designing 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

Django-Todo

Dec 2022

Source Code: <https://github.com/chauhanaman2748/django-todo>

- Learned to make Docker containers and Docker-File
- Mapped Jenkins for continuous deployment of git code to server on AWS EC-2
- Implemented test automation and behaviour driven development (BDD) practices
- Experience in ETL testing on platforms such as Hadoop and Azure Cloud
- Exposure to DevOps and continuous integration tools such as Jenkins, Bitbucket, and git

PARTICIPATION AND VOLUNTEERING

- Competed in the National Project Competition (Innovation Budge-2), Sharda University Oct 2019
- Presented smart door lock, in Technovation Hackathon-2 (Smart City) Jan 2020
- Achieved certificate of appreciation for conducting "The Mind Fizz," coding competition Sep 2019
- Taught Flutter to 100+ students in sessions conducted by Developer Student Club, 2019 Sharda University
- Organized 3 problem solving events as CodeChef College Chapter, Sharda University Oct 2020-2021