

# Ikshita Yadav

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## EDUCATION

### Bachelors of Computer Science And Minor in Economics, Junior Year

University of Waterloo

Five-time recipient of Dean's Honours and Term Distinction

09/2019 – 04/2024 | Waterloo, Canada

## SKILLS

### Languages

Python, C++, HTML, CSS, JavaScript, jQuery, MySQL, Kotlin, Java, Angular

### Frameworks & Tools

Node.js, Bootstrap, ASP.NET Core, React.js, Linux, Git, AWS, Windows

## PROFESSIONAL EXPERIENCE

### Full Stack Engineer

Get ResQ Ltd.

05/2022 – 08/2022 | Toronto, Canada

- Collaborated with the Tools and Support team to deploy new features using **Django, Python, Typescript, React** and **Javascript** into the product which led to an increase in the revenue stream
- Updated and added new functionlites to existing functionalities by making changes in the fullstack code base via mutations, interactors, event handlers and several algorithmic changes
- Fixed several bugs in the product ranging from frontend to backend changes

### Software Development and Testing

ANSYS Inc

01/2022 – 04/2022 | Waterloo, Canada

- Worked with the Core Dev Team of the Account and Store Team in an Agile Project Management Methodology to maintain and improve the different user portals by pushing out new features and patches as needed to increase and better customer interaction
- Headed the Cloud Direct Improvements for the admin and user portal by designing the UI/UX for the new feature, dividing the feature into smaller tickets aimed to be completed over the next two sprints, assigning the various tickets to the team members, implementing the tickets and testing them for bugs before they were pushed to production
- Created and updated apps according to the App submission requests by the clients while maintaining client relationships by focusing on open and regular communication through meetings and code reviews

### DevOps Specialist

Pillar To Post Head Office

05/2021 – 08/2021 | Toronto, Canada

- Got **promoted** from QA & IT Support to DevOps Specialist by showing initiative through developing **algorithms to automate** the smoke and regression test suites and the process of logging in and booking inspections saving co-workers **28 to 98 hrs per week** using **Selenium and Python**, hence reducing manual workflow
- Responsible for algorithmic development, testing, documentation, attending several code reviews and meetings, and creating User Stories for the Dev team after interacting with the other departments and several users
- Tested the web and the app interface for bugs after every new push/update, found several bugs and thoroughly documented them explaining why they are reproducible for the Dev team to fix

### Junior Software Developer Intern

Samsung Research Lab, Indian Institute of Technology Delhi

05/2019 – 06/2019 | Delhi, India

- Attended the summer internship for **Introduction to Computer Application and Software Development**
- Developed a **Library DB Management System** in **C++** using **MySQL** connectivity for the **Samsung Research Lab** and assisted PHD students in their cutting edge research by **finding algorithms** that could be applied to their research
- Presented my final project, the **'Clock in System'** at **IIT Delhi Techfest**; which in addition to the basic features of a clock in system also analyses the data of the late comers and presents it on a dashboard using **Kotlin, JavaFx** and **Python**

## PROJECTS

### Crypt-to-rise

- Creating an algorithm to detect pumps and dumps in the stocks which are synthetic spikes and inform the user that it is happening
- Helping in the identification of data parameters which will be used to write an algorithm to detect the synthetic rise
- Developing individual features such as displaying the live data of the stocks of several cryptocurrencies for the users to see and compare, making an interactive webpage that educates the users about the history and the previous pumps and dumps if any of a particular coin, etc.

### Sentiment Analyzer

- Predicted sentiments using an AI model based on Neural Networks
- Used **google colab**, **nltk**, **sklearn** and **pandas library**. Cleaned the data and fed it to the AI model and come up with algorithms to reach peak (75%) efficiency.

## CERTIFICATES AND AWARDS

### The Complete Web Development Bootcamp (Udemy)

### 'Girls Only Leadership Development Program

GOLD' YWCA Cambridge and the Office of Cambridge City Councilor

### 'The Girl Who Code'

Harvard Women in Computer Science at Harvard University

### Code in less (synergy 2.0)

Secured 2nd position in 'Codein less' at Delhi Technological University

### Splash - Mathematics, Computer Science and Artificial Intelligence

Massachusetts Institute of Technology, Boston

### Scholarship at UW

\$17,000