

# Kushal

## Full Stack Developer, Software Engineer

Aiming for roles that enable me to contribute to impactful projects and enhance my expertise while fostering career growth within a reputable organization.

## Contact



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## Academic Details

- **Master's of Science (M.S.) Computer Science**  
LAKEHEAD UNIVERSITY, Thunder Bay, Canada ;  
CGPA: 91/100\* (2025)
- **Bachelor of Technology (B.Tech.) Computer Science & Engineering**  
IKGPTU, Kapurthala, India;  
CGPA: 8.99/10 (2022)

## Soft Skills

Analytical | Collaborator | Leader | Adaptable | Team Worker | Active Speaker |

## Technical Skills

- **Programming Languages:**  
Python, HTML, CSS, JavaScript, jQuery
- **Frameworks:** React, Node js, Django
- **Technologies:**  
Machine Learning, Data Science, Data Structures, Computer Vision, Natural Language Processing, RDBMS, Artificial Intelligence

## Core Competencies

Agile Methodologies, Restful API, Debugging, Containerization, Web Services, Microservice Design, Performance Optimization, System Scalability

## Coding Profiles

**Github:** <https://github.com/kushal-ml>

**LeetCode:** <https://leetcode.com/u/kkushal/>

## References

**Dr. Sabah Mohammed**

Professor, Lakehead University

Email: [mohammed@lakeheadu.ca](mailto:mohammed@lakeheadu.ca)

**Dr. Pooja Sharma**

Professor, IKGPTU

Email: [dr.poojasharma@ptu.ac.in](mailto:dr.poojasharma@ptu.ac.in)

## Profile Summary

- A diligent professional with 6 months of experience as a full-stack developer in a service-based company, Cognizant Technology Solutions Corporation, gained comprehensive knowledge across various concepts.
- Currently pursuing a master's degree, acquiring cutting-edge skills, and working under the supervision of **Dr. Sabah Mohammed** on a research project at **Lakehead University**.
- Possesses **in-depth knowledge of multiple technology stacks**, which contributes to the efficient development stage of products.
- Certified as **Huawei HCIA-AI** (Huawei Certified ICT Associate in Artificial Intelligence)

## Work Experience

### Teaching Assistant/ Marker

#### Lakehead University (Jan 2025 – ongoing)

Assisting faculty with course instruction, facilitating student learning, and providing academic support to enhance the educational experience while pursuing a master's degree.

### Full Stack Developer Intern

#### Cognizant Technology Solutions (Jan 2022 – June 2022)

##### Responsibilities:

- Participated in the Full Stack Prep-up program, following a comprehensive learning pathway to develop skills necessary to become a proficient Full Stack Engineer.
- Actively involved in hands-on learning experiences, spanning from basic to advanced concepts in full stack development, encompassing both front-end and back-end technologies.
- Collaborated with team members to tackle real-world challenges, applying learned skills to solve complex problems and deliver impactful solutions.
- Assimilated knowledge of corporate environments and understanding of professional norms and practices within the software development industry.
- Actively contributed to team projects, delivering impactful solutions and showcasing proficiency in front-end and back-end technologies.
- Assimilated knowledge of corporate environments and understanding of professional norms and practices within the software development industry.
- Appointed as cohort leader, responsible for providing daily reports on the progress of all cohort members to the manager, showcasing leadership and communication abilities.

## Academic Projects

- **Robustness (Virtual Doctor)** - This robustness system will be supported online 24 x 7 by every person in society as it answers deep and general questions. Asking the questions in a series helps patients by guiding them on what they seek.
- **Voice-Controlled Email** - For the betterment of society and to give equal status to such specially-abled people, we have developed this project, which allows the user to send mail using voice commands without the need for a keyboard or any other visual things.
- **Helmet-Detection-on-Two-wheelers-and-Penalty-Generation-using-Artificial-Intelligence** - focuses on utilizing computer vision techniques to detect helmets on two-wheeler riders and enforce compliance through penalty generation.
- **Dual Chatbot Interface** - The interface allows users to simultaneously interact with two different chatbots, Mistral AI 7B and ChatGPT API.
- **Quiz App** - A mobile application that allows users to take quizzes, track their scores, and view results. This app includes a login and signup system and supports student and teacher roles with different functionalities for each.