YATHARTH THAKUR

thakuryatharth1@gmail.com ◇ +1(437)-733-4841 ◇ Brampton, ON, CA

[Portfolio](#) ◇ [LinkedIn](#) ◇ [Github](#) ◇ [Leetcode](#) ◇ [GeeksForGeeks](#) ◇ [Youtube](#)

OBJECTIVE

To become a member of the workforce in an organization that gives me an opportunity for self-improvement, while contributing to the growth of the organization with my relevant skills.

EDUCATION

Postgraduate Certificate in Cloud Computing, George Brown College, Canada — 2024 - Present
Postgraduate Certificate in Artificial Intelligence with ML, Humber College, Canada — 2023 - 2024
Bachelor of Computer Science, The NorthCap University, India — 2016 - 2020

EXPERIENCE

Associate Application Developer — Dec 2020 - Aug 2023
Organization: Unisys, Bangalore, IN

- Joined as a fresher and learned **AB Suite**. Created an Employee Management System within a month.
- **Key contributor** to the NZTA project, performing coding, unit testing, and implementing fixes based on design documents and guidelines
- Fixed around **60 bugs** in total and improved the outcomes of the NZTA project.
- Developed and maintained a data copy internal Software application, improving team efficiency by 90%.
- Introduced and maintained new solutions, setting up **Azure Pipelines** as part of the modernization project.
- **Led** unit and regression testing, resulting in an 80% reduction in post-deployment defects.
- Worked on multi-factor authentication and password complexity rules for a high-priority project.
- **Conducted** knowledge transfer sessions, training over 20 colleagues at Unisys India.
- I was also in charge of weekly client reporting and guidance of junior team members.

Web Developer Intern — Apr 2020 - Sept 2020
Organization: Royal India Polo, Gurugram, Haryana, IN

- Developed a WordPress-based website, TheSawai, for high-net-worth clients in India, implementing Frontend development and UI/UX design resulting in 90% increase in user engagement.
- Designed graphics and UX using **Photoshop** and **Illustrator**.
- Integrated a secure payment gateway into the website.

Java Intern — May 2019 - Jul 2019
Organization: D.R.D.O, New Delhi, IN

- Developed a chat application using RabbitMQ for inter-process communication, improving team collaboration by 80%.
- Implemented the **AMQP** protocol for seamless communication within processes.

PROJECTS

Real Estate Search Engine — Jan 2023 - Apr 2023
Humber college capstone project with Ilore AI

- Developed a proof-of-concept search engine for GTA real estate, demonstrating advanced data integration and analysis skills. The project involved extracting and preprocessing data from multiple sources, utilizing AI and Large Language Models for feature extraction, implementing a vector database for efficient storage and retrieval, and leveraging Retrieval-Augmented Generation (RAG) to enhance search relevance and user experience, showcasing proficiency in Machine Learning and performing Engineering Analysis.

Document Sensi — Mar 2023 - Apr 2023
Humber college

- An application which uses **NLP** and **tokenization** methods to allow end-users to make queries on PDFs, datasets, and Word files. Implemented **DistilBERT**, to achieve context-aware responses from document content. Built the platform, and refined it in further iterations based on the user's feedback for functionality and efficiency.

College Cracker May 2018 - Jul 2018
The NorthCap University

- Developed a **MERN** stack application that enables students to create and manage a list of colleges they have applied to and track the status of each application. Integrated **JWT** for authentication, **MongoDB Atlas** for database management, and **bCrypt** for secure password hashing and storage.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java
Web Development: HTML, CSS, React.js, Node.js, Express.js, RESTful APIs
Databases: MySQL, MongoDB, Firebase, Pinecone, SQL databases
Cloud Platforms: AWS (EC2, S3, Lambda, CloudWatch), Microsoft Azure
Networking and Operating Systems: TCP/IP, DNS, Linux and Windows
Machine Learning: PyTorch, TensorFlow, Scikit-learn and DistilBERT

CERTIFICATION

- Azure Fundamentals: Microsoft
- Network Technician Career Path: Cisco
- Full Stack Development with React and Node.js: Geeks for Geeks
- AB Suite Certified Developer: Unisys

AWARDS

- I was awarded the **Act with Agility** award for my dedication, hard work, and remarkable performance on multi-factor password complexity project and other client incidents.
- Named to the **Dean's List** at Humber college, demonstrating my dedication and skill in balancing rigorous academics with extracurricular activities.