

Vihaan Chugh

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Portfolio - vihaanchugh.in

Education

University of Toronto (172 St. George St, Toronto) <i>Bsc. Computer Science Specialist</i>	September 2022 – Present Toronto, Ontario
American International School of Lagos <i>IB Diploma - Silver Medal</i>	August 2016 – June 2022 Lagos, Nigeria

Work Experience

R-Systems International <i>www.rsystems.com - HTML, CSS, JavaScript, Bootstrap, Python and MySQL.</i>	May 2023 – August 2023 Noida, Haryana, India
<ul style="list-style-type: none">Gathered client requirements, discussed project architecture, and specialized in software requirements during R Systems internship.Developed a candidate evaluation system, focusing on API implementation, token generation, and gained experience in full-stack development (stated above). Actively participated in user testing for improved web application usability.	
Mindsprint (Olam International) <i>www.mindsprint.org - HTML, Node.js, CSS, React Native and Javascript</i>	May 2022 – August 2022 Bangalore, Karnataka, India
<ul style="list-style-type: none">Frontend Development Intern, utilizing HTML, CSS, React Native, and JavaScript to design and develop a project, resulting in a fully functional and visually appealing application.Collaborated with a team of developers, actively contributing to feature implementation, code reviews, and testing processes while gaining valuable experience in agile development methodologies.	

Projects

Chief Information Officer <i>Basketbet.org - Data Analysis, MATLAB, Python, HTML</i>	May 2020 – January 2022 Maharashtra, India
<ul style="list-style-type: none">Statistical models and predictive analysis algorithms are used to create a dynamic player rating system for basketball wagering.Proceeds generated from the bets 25,000 USD are donated to improve hygiene and sanitation in 100 households in villages across India.	
Technical Lead <i>www.eternity.eco - MATLAB, HTML, JavaScript, Visual development tools, Cryptography</i>	January 2019 – August 2020 Lagos, Nigeria
<ul style="list-style-type: none">Eternity is a project that creates futuristic ashrams using IOT, augmented reality, AI, and machine learning.The project involves the Chief Minister of Maharashtra and the project cost is estimated to be over 1.5 million,	
Software Developer <i>University of Toronto Flutter Developers Group</i>	Feb 2022 – Present Toronto, Canada
<ul style="list-style-type: none">Developed a cross-platform mobile application using Flutter for rapid development and deployment on iOS and Android platforms.Collaborated with a team of developers to create an intuitive user interface and seamless user experience.Implemented advanced features such as geolocation, push notifications, and real-time updates.Utilized Firebase Cloud Messaging to support the implementation of the advanced features.	

Professional Learning and Qualifications

Introduction of Computational Maths and Big Data Visualization - Brown University (2019) - 98.06% score
Python Programming - University of Toronto (coursera) (2020) - 96.9 % score
Google IT Automation with Python Professional Certificate - Google (coursera) (2022) - Ongoing
IBM DevOps and Software Engineering Professional Certificate - IBM (coursera) (2022) - Ongoing

Specialized Skills

Programming Languages: Python, R, HTML, JavaScript, CSS, Ruby
Libraries and Web Frameworks: Pygame, Pandas, MySQL, Django, React, Flask