

# SANYAM SAREEN

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## PROFESSIONAL SUMMARY AND SKILLS

- **Software developer with hands on experience through personal, work and academic projects**
- **Strengths: Linux, SQL, Database Systems, Cloud, Node.js, Verbal and Written Communication Skills**
- **Languages and Frameworks:** JavaScript, Python, Java, React.js, Next.js, Node.js, Express.js, jQuery
- **Data Analytics Libraries:** NumPy, Pandas, Matplotlib
- **Databases:** MySQL, SQLite, MongoDB
- **Operating Systems:** Linux, OS X, Windows 7, 8, 10
- **Microsoft Office:** PowerPoint, Word, Excel, Outlook
- **Cloud:** IBM Cloud, Amazon Web Services (AWS), Heroku, Digital Ocean
- **Project Management:** Scrum, JIRA, SDLC, Waterfall
- **Version Control (Intermediate):** Git, GitHub, Bitbucket

## EDUCATION

### **Master of Applied Computing**

Sep 2019 - Present

University of Windsor, Windsor, ON

- Relevant coursework: Machine Learning, Software Engineering, Advanced Database Concepts

### **Bachelor of Technology in Computer Science Engineering**

Aug 2015 - Jun 2019

Guru Nanak Dev University, Amritsar, India

- Relevant coursework: Cloud Computing, Software Engineering and Testing, Networking

## RELATED EXPERIENCE

### **Cofounder and Technical Team Lead**

Dec 2019 - Mar 2020

WinHacks, University of Windsor, Windsor, ON

<https://winhacks.ca/>

#### **Technologies: AWS EC2, S3, Digital Ocean Droplet, Nginx, Node.js, Mongo Atlas Cloud Database**

- Performed cloud migration and performance analysis of the WinHacks website and took initiatives to collaborate with Discord, leading a technical team of 40 WinHackers

### **Data Analyst Intern**

Jun 2018 - Jul 2018

Eckovation Solutions Private Limited, New Delhi, India

<https://www.eckovation.com/>

#### **Technologies: Python, R, Pandas, Numpy, Matplotlib, SQL**

- Performed data analysis on real-world large datasets of company's clients to increase client profits by nearly 25%, assisted with strategic planning and awarded as the most innovative intern of the month

## PERSONAL PROJECTS

### **Sensation Brewery (Individual Project)**

Sep 2019 - Dec 2019

#### **Technologies: React.js, Cloudflare, CocktailDB API, MongoDB, Heroku**

Preview: <https://www.sensation-brewery.tk> Code: [github.com/calmesam01/The-Sensation-Brewery](https://github.com/calmesam01/The-Sensation-Brewery)

- Created a React app using functional components that enables the user to explore various cocktails and get information including instructions to prepare and ingredients using the open-source CocktailDB APIs

## ACADEMIC PROJECTS

### **Virtual International Student Assistant (VISA) (Group Project)**

Sep 2019 - Dec 2019

#### **Technologies: HTML, CSS3, JavaScript, Django, Microsoft Azure, IBM Watson**

Preview: <https://www.visabot.live> Code: [github.com/calmesam01/VISA](https://github.com/calmesam01/VISA)

- Developed chatbot that allows program coordinators to update the courses' information, diminishing the volume of emails from international students by 40%

### **Sensation Blogging Platform (Individual Project)**

Jan 2020 - Apr 2020

#### **Technologies: React, Next.js, Node.js, Reactstrap, MongoDB Atlas, Mongoose, SendGrid, Discus, Heroku**

Preview: <https://www.sensation-blog.tk> Code: [github.com/calmesam01/The-Sensation-Blogging-Platform](https://github.com/calmesam01/The-Sensation-Blogging-Platform)

- Created a multi-user blogging platform that enables an authenticated user to perform CRUD operations on blog posts using APIs, search, comment and like other users' posts using tags and categories