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| Image result for university of victoria letterheadSunil **Kumar** | [*sunilkumarsheoran@gmail.com*](mailto:sunilkumarsheoran@gmail.com)  *+1-6043674432*  [linkedin.com/in/sunilkumarsheoran](http://www.linkedin.com/in/sunilkumarsheoran)  *ECS 412, University of Victoria,*  *Victoria, BC, Canada. V8P 5C2* |

I am a Master of Computer Science student at the University of Victoria. I have 3 years of software development experience with software product companies. I am seeking co-op opportunities where I can fully utilize my skills for the success of the organization and learn new skills for the cutting edge of technologies in the industry.

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| Education M.Sc. in Computer Science Jan 2019 – Expected Dec 2020University of Victoria, BC, Canada. – 7.33 / 9.0 GPA Projects: Training a DQN agent for Coinrun ([github.com/Unimax/coinrun-dqn-pytorch](https://github.com/Unimax/coinrun-dqn-pytorch)) and Matchmaking for online multiplayer games ([git.io/JenE4](https://github.com/Unimax/Matchmaking-for-online-multiplayer-games)). B.Tech. in Information Technology Aug 2010-May 2014NIT Durgapur, West Bengal, India. - 8.10 / 10.0 CGPA Projects: Collage Study Point Website ([git.io/JenEB](https://github.com/Unimax/studentcorner)), Digital Clock on Multisim and Exploration bot. | Technical Skills   * Languages : Java, JavaScript, Python, Golang, PostgreSQL, MySQL, C, C++, PHP, CSS, HTML. * Tools: Docker, Kubernetes, Office, Adobe Photoshop, gRPC, REST APIs, Git, Google Web Toolkit (GWT), JDBC, Hibernate, OOPs, Data Structures, Deep Learning, Electron, Angular, Eclipse Modeling Framework (EMF), Jasper Report. * Operating Systems: Linux, Windows |

# Experience

## Technical Associate / Zillious Solutions, New Delhi, India. July 2018 – Dec 2018

### Developed an alternative for Java enum reaching its limit issue, causing minimum changes in the application.

### Incorporated support for customizable vouchers and integrated multiple payment gateways including *PayTM, Razerpay,* etc.

### Integrated pre-developed machine learning model into the application for finding duplicate hotels.

## Software Developer / Drishti-Soft Solutions, Gurugram, India. June 2014 – Sep 2016

### Awarded with Excellence Award 2016 and won */tmp* 2014 (i.e. 10 days 24x7 coding event).

### Majorly worked on Ameyo Report, a GWT based front-end, and Jasper based backend; This includes a UI renew, automating the generation of *Transformers*, a data de-normalization component, by using EMF modeling and backend enhancements.

### Created a report scheduler based on the Quartz library with support for centralized reporting and graphical reports.

### Increased performance for a large customer’s reporting database by 90% using table partition and multicolumn indexes.

### Increased performance of a statics managing component by 60% using soft references based cache for reflective calls.

### Developed a context-aware report designer with the Front-end based on GWT with data populating based on EMF model instances and outputs a proprietary file format (.drxml) which converted by the backend into a jasper-reports based object. It was used to give demos to international customers as a future project.

### Created *Magic Numbers*: Predicts hardware requirements (CPU, RAM, and HDD) based on customer functional requirements.

### Delivered components for the automation of the collection process for HDFC (Indian Bank). Implemented a fresh UI, Integrating Hitachi Content Platform (HCP) for report storage, SSO Authentication server & various domain-specific features like *Centralized Exclusion*.

### Part of the Hiring team for the 2016 and 2017 hiring seasons. Prepared questions, Interviewed candidates and did the training after hiring.

## Software Developer Intern / Morphing Machines, Bangalore, India. June 2013 – Aug 2013

* Designed and developed the front-end interface for a research project called ‘Development of A Flexible Framework for A Network On Chip’. We wrote a research paper about it ([git.io/Jen9l](https://github.com/Unimax/studentcorner/blob/master/VLSI2014Paper.pdf)).

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| **Personal Interests**   * **Video Games**: Won 2nd place in COBX and Aorus Land 2017 National DOTA 2 tournaments, 1st place in Playtonia Delhi and Indian LAN Gaming Cup Delhi DOTA 2 tournaments. * **Karate**: Green belt in Shūkōkai Karate. * **Solving Programming Problems:** Won 1st place in *Behind the Scene* 2013, 1st place in *InCanity* 2013 and 2nd place in Simplex 2012. * **Playing Chess:** 3rd, 1st and 2nd place in *Regional Sports Meet* in 2007, 2006 and 2005. Won a place in K.V. National Sports Meet. |
| **References**   * **Sahil Gandhi (**[sahilgandhi2011@gmail.com](mailto:sahilgandhi2011@gmail.com)**) –** Product Evangelist, *Ameyo* (previously known as *Drishti-Soft Solutions*). * **Dr. Hausi Müller** ([hausi@uvic.ca](mailto:hausi@uvic.ca)) **–** Professor, University of Victoria. |