|  |  |
| --- | --- |
| 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 including Drishti-Soft Solutions aka Ameyo and Zillious Solutions. 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.

|  |  |
| --- | --- |
| Education M.Sc. in Computer Science Jan 2019 – Expected Jan 2021University of Victoria – 7.33 / 9.0 GPA Projects: Training a DQN agent for Coinrun ([GitHub](https://github.com/Unimax/coinrun-dqn-pytorch)) and Matchmaking for online multiplayer games ([GitHub](https://github.com/Unimax/CSC562-FinalProject-Matchmaking-for-games-using-open-match)). B.Tech. in Information Technology Aug 2010-May 2014NIT Durgapur - 8.10 / 10.0 CGPA Projects: Collage Study Point Website ([GitHub](https://github.com/Unimax/studentcorner)), Digital Clock on Multisim and Exploration bot. 12th & 10th CBSE March 2007 & March 2010K V Bengdubi - 85.8 % & 79.8 %Projects: Book Shop Management, Tic Tac Toe bot | Technical Skills   * Languages : Java, JavaScript, Python, Golang, PostgreSQL, MySQL, C, C++, PHP, CSS, HTML, Shell. * Tools: Docker, Kubernetes, Google Cloud Platform, Office, Adobe Photoshop, gRPC, Swagger, REST APIs, Git, GWT, JDBC, Hibernate, Eclipse, PyCharm, OOPs, Data Structures, Deep Learning, Electron, Angular, Slack, Eclipse Modeling Framework, Jasper Report, uxpin. * Operating Systems: Linux, Windows |

# Experience

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

### Implemented a solution for a long-standing issue (java enum limit) requiring minimum changes in the application.

### Design and developed support for customizable voucher and integrated multiple payment gateways.

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

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

### Majorly worked on Ameyo Report (GWT based front-end and Jasper based backend) this includes UI Renew, transformer (de-normalize data for reporting) modeling to ease the generation of new transformers and backend enhancements.

### Created a Report Scheduler (Quartz library) with support for Centralized Reporting (Ameyo ART) and Graphical Reports.

### Increased performance for a large customer’s database (PostgreSQL) by 80-90% using table partition and Multicolumn Indexes.

### Increased the Stats Manager’s performance by 60% using cache (SoftHashMap) for reflective calls.

### Developed a context-aware Report Designer: Front-end GWT UI filled with generated data based on Model instances (.xmi) and output from the UI is a Model (EMF) object (.drxml) which converted by backend into a jasper-based object (.jrxml).

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

### Automate HDFC collection process. Fresh UI, Integrating HCP for storage, SSO Authenticating server & Centralized Exclusion.

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

### Part of the Hiring team for the 2016 and 2017 batches. (Question preparation, Interview Rounds and 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 ([GitHub](https://github.com/Unimax/studentcorner/blob/master/VLSI2014Paper.pdf)).

**Hobbies**

* **Video Games** (2nd in COBX and Aorus Land 2017 National DOTA 2 tournament, Won Playtonia & Indian LAN Gaming Cup)
* **Karate** (Green belt Shūkōkai Karate)
* **Solving Programming Problems** (1st place in behind the Scene and InCanity in MuKTi ’13 and 2nd place in Simplex in ANK ’12)
* **Playing Chess** (3rd, 1st and 2nd position in Regional Sports meet in 2007,2006 and 2005. Hence went to Nationals 3 times)

|  |
| --- |
| **References**   * **Sahil Gandhi (**[sahilgandhi2011@gmail.com](mailto:sahilgandhi2011@gmail.com)**) –** Product Evangelist, Drishti-Soft Solutions aka Ameyo. * **Dr. Hausi Müller** ([hausi@uvic.ca](mailto:hausi@uvic.ca)) **–** Professor, University of Victoria. |