# Agampreet Singh Arora

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www.agampreetsingh.com                                                                    https://www.github.com/agampreetsingh

## EDUCATION

| 2014-18 | B.Tech. (CSE) | Guru Nanak Dev University, Amritsar | 7.3/10 |
|---|---|---|---|
| 2014 | Class XII | Swami Sant Dass Public School, Jalandhar | 83.4/100 |
| 2012 | Class X | Swami Sant Dass Public School, Jalandhar | 9.4/10 |

## INDUSTRY INTERFACE

| | | |
|---|---|---|
| **Professional** | **Junior Associate** (Sept 2018 – Present) | *Nagarro* |
| | • Creating/ Updating business solutions for a US based 3rd party ITM compliance system. *(July 2018- Present)*<br>• Helped in analyzing the cause of unmanaged traffic on the server and helped in reducing the load.<br>• Implemented the addition of new type of reports in the system.<br>• Helping in expanding the email services to scale to a larger system. | |
| **Graduation** | **Software Developer Trainee** (Jan 2018 – Sept 2018) | *Nagarro* |
| | • Software Development in JAVA: J2EE with Spring framework (Core, MVC, REST)<br>• Achieved proficiency in Hibernate as an ORM library.<br>• Achieved proficiency in Angular 6 and Vue.js on frontend<br>• Experience in SOLID design principles for writing clean and maintainable code. | |
| | **BootCamp Intern** (Jun 2017) | *Nagarro* |
| | • Attained proficiency in Node.js, Express, Sequelize, React.js<br>• Received a PPO for being among the top performers | |
| **Others** | **Open Source Contributor** | |
| | • Member contributor in open source projects to create innovative solutions. | |
| | **Mentor** (July 2018 – Present) | *Summer of code (Oxford, 1millionWomenToTech)* |
| | • Inspiring and motivating young female candidates to code.<br>• Answering and solving queries related to development. | |

## PROJECTS

| **Professional Training** | *Nagarro* |
|---|---|

- ***Point of Sales Application*** *(May 2018)*
  - Implementation of a generic Point of sales application (General Store based) in JAVA (Backend) and Angular (Frontend)
- ***Learning Management System*** *(May 2018)*
  - Implementation of a learning management system in TypeScript (Backend) and Vue.js (Frontend)
  - Deployment on *Heroku* with *Responsive* web design using *Bootstrap* 4.
- ***Online Shopping*** *(April 2018)*
  - Implementation of an online shopping like system with backend in *Node.js.*
  - Implemented the user authentication using OAuth.

| **University based** (Personal Interest) | *GNDU* |
|---|---|

- ***RedConnect Office Viewer*** (May 2016- July 2016)
  - Created a desktop application for a blood donation NGO
  - Solved blood request management by automating the status filtering.
  - Simplified the hard copy work by implementing a CRM for Volunteers and donors
- ***AurumFest*** (Jan 2017- Feb 2017)
  - The Official website of the techno-cultural fest of GNDU i.e. 2017.
  - Improved the promotions by developing a CMS for different events.
  - Integrated a realtime updates page for the fest day to keep the audience informed.
- ***Sherlock*** (Jan 2017- Feb 2017)
  - Contest site for an online contest in Aurum'17.
  - Automated level generator & rank-list.
- ***EarthBorn*** (March 2016- Arpil 2016)
  - A 3D video game among top 3% nationally in TCS GameOn 2016.

## TECHNICAL SKILLS

**Programming Languages**
- JAVA (*Proficient*)
- C/C++ (*Fluent*)
- JavaScript (*Prior Experience*)

**Development**
- *JAVA*: J2EE, Spring, Hibernate, MySQL, REST, JSP
- *JavaScript*: Node.js, Angular 2 and above, Vue.js, Express(Framework), Sequelize (ORM)
- *Designing*: HTML, CSS, Bootstrap

**Game Development**
- JavaScript
- Unity 3D
- Blender
- Adobe Photoshop

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| POSITIONS OF RESPONSIBILITIES | | HOBBIES |
|---|---|---|
| **GNDU, Amritsar** | • *Technical Head,* Computer Engg. Students Society<br>• *Board Member*, CESS<br>• *Head*, Music Club Computer Engg. Students Society | • Playing Guitar<br>• Singing<br>• Astro-Physics<br>• Photography<br>• Mentoring<br>• Sketching |
| **SSDPS, Jalandhar** | • *Asst. Head Boy,* 2011-2012<br>• *Technical Project Lead*, 2010-2014 | |

## AWARDS AND ACHIEVEMENTS

- *Google Scholarship*: Grow with Google, India (2018)
- *SemiFinalist*: TCS GamOn 2017. Among top 3% Nationally
- *Winnner*: Code Overnight 2016
- *Winner*: Geek Night 2016
- *Runner Up*: Western Music Jashan 2016

## ACTIVITIES AND INTERESTS

| | |
|---|---|
| **Technical** | • **Flash Classes**<br>    o Taught C/ C++ programming regularly to CSE freshers in the university.<br>    o Taught data structures and algorithms to juniors.<br>    o Achieved the maximum audience attendance for the session 2016- 2017.<br>• **Workshops**<br>    o Conducted workshops on *Game Development*.<br>    o Doubt sessions on demand by juniors. |
| **Management and co-curricular activities** | • Organized and Managed the technical and cultural events in *Aurum'17*. *(Feb 2017)*<br>• Organized various *technical* and *music* events in the University.<br>• Designed *posters* and *flyers* for events while in the *graphic designing team* in the university.<br>• Regularly organized *music sessions* being the Head/ Founder of the music club in the university.<br>• Participated actively in the *literary club in the university*; also designed and handled the official blog for the same.<br>• Been an active participant in school activities including acting, dancing, debating etc. |
| **Volunteering** | • Had been an active member of an NGO called BloodConnect.<br>• Handled blood requirement requests.<br>• Co-organized events and camps for the Amritsar wing. |