Agampreet Singh Arora

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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

Analyst: SDE (Feb 2020 – Present) — *Blackrock*

- Improved serialization time by 10 times (from 15 secs to 1.5 secs)
- Various improvement in the firm's analytics platform which is comprised of a vast tech stack including Scala, Spark and Java

Associate (Sept 2018 – Jan 2020) — *Nagarro*

Key Skills: *Client Interaction, effort estimation, Feature Development using J2EE and related frameworks, Deployment (AWS Server), Database, Bug Fixing, Implementing Change Requests, UI Design using Photoshop, HTML, CSS, Bootstrap*

Developing solutions for a *US based 3rd party ITM compliance system. (July 2018- Present)*

a) *Maintaining the production application: (July 2018- April-2019)*

- Implemented more than 6 features and an independent module in the application.
- Implemented functioning of new type of users corresponding to the reports.
- Helping in expanding the email services to scale to a larger system.

b) *Revamping the application: (April 2019- Present)*

- Knowledge of developing the application from scratch.
- Experience with Microservices.
- Implementing independent features from the user story.

Developing solutions for a Germany based Airline Company (November 2018- Present)

- Integrated Swagger 2 with the project API for API documentation.
- Implemented the architecture of communication between two independent services with their APIs
- Designed new type of lounge vouchers in adhering to the Airline Standards

Graduation

Software Developer Trainee (Jan 2018 – Sept 2018) — *Nagarro*

- Software Development in *JAVA: J2EE* with *Spring* framework (Core, MVC, REST) with SOLID principles
- Achieved proficiency in *Hibernate* as an ORM library and *Angular* 6, *Vue*.js on frontend

BootCamp Intern (Jun 2017) — *Nagarro*

- Attained proficiency in Node.js, Express, Sequelize, React.js
- Received a PPO for being among the top performers

PROJECTS

Professional Training — *Nagarro*

- <u>*Point of Sales Application*</u> *(May 2018)*
  - Implementation of a generic Point of sales application (General Store based) in JAVA (Backend) and Angular (Frontend)
- <u>*Learning Management System*</u> *(May 2018)*
  - Implementation of a learning management system in TypeScript (<u>Backend</u>) and Vue.js (<u>Frontend</u>) deployment on *Heroku*

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 and a fun-contest site named 'Sherlock'.
  - Realtime updates page for the fest day keeping the audience informed.
- ***EarthBorn*** (March 2016- Arpil 2016)
  - A 3D video game among top 3% nationally in TCS GameOn 2016.

TECHNICAL SKILLS

Programming Languages

- JAVA (*Proficient*)
- JavaScript (*Prior Experience*)

Development

- *JAVA*: J2EE, SpringBoot, Hibernate, MySQL, REST
- *JavaScript*: Node.js, Angular 2 and above, Vue.js, Express(Framework), Sequelize (ORM)
- *Designing*: HTML, CSS, Bootstrap
- *Version Control*: SVN, GIT

Additional Interests

- JavaScript
- Blender
- Adobe Photoshop

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

AWARDS AND ACHIEVEMENTS

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

ACTIVITIES AND INTERESTS

Technical	• **Flash Classes**
	   ○ Taught programming regularly to CSE freshers in the university.
	   ○ Taught data structures and algorithms to juniors.
	   ○ Achieved the maximum audience attendance for the session 2016- 2017.
	• **Workshops**
	   ○ Conducted workshops on *Game Development*.
	   ○ Doubt sessions on demand by juniors.

Management and co-curricular activities	• Organized and Managed the technical and cultural events in *Aurum'17*. *(Feb 2017)* • Organized various *technical* and *music* events in the University. • Designed *posters* and *flyers* for events while in the *graphic designing team* in the university. • Regularly organized *music sessions* being the Head/ Founder of the music club in the university. • Participated actively in the *literary club in the university*; also designed and handled the official blog for the same. • Been an active participant in school activities including acting, dancing, debating etc.
Volunteering	• Had been an active member of an NGO called BloodConnect. • Handled blood requirement requests. • Co-organized events and camps for the Amritsar wing.