DHANANJAY GUPTA

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SUMMARY: Team player with strong problem solving, analytical and software engineering skills, along with a can-do attitude. Academic, project and training experiences in robust, scalable backend software development. Looking for challenging and worthwhile opportunities to contribute, learn and embark on a strong career in the software industry.

SKILL SET

LANGUAGES	**Java, JavaScript, C++, Android development**
WEB DEV	**HTML5, CSS, MySQL, SQL** and **PL/SQL, Struts, Hibernate, jQuery, JSON**
TOOLS	**GIT, Docker, Jenkins, VIM, Hadoop, Design Patterns, Android Studio**

EDUCATION

M.S., Computer Science, **University of Illinois at Chicago, GPA 3.67/4.0** — May-2019 (Expected)

B.E., Information Technology, **Shri Vaishnav Institute of Technology and Science**, Indore — June 2017

Relevant Coursework: Advance Software Engineering | Algorithms and Data Structures | Database Systems | Distributed Computing | Web Technologies | Object Oriented Analysis and Design | System Programming and Operating System | Computer System Organization | Computer Networks | Software Dev. using Mobile Platforms | Cloud Computing | Information Security

EXPERIENCE

SSI, Indore, India

Training: Worked on Bigdata analytics with Hadoop — April-July 2017

- Implemented MapReduce jobs for variety of analysis on sample data for single node configurations on Cloudera Virtual Machine. Extensively used Combiner and Partitioner. Also, worked on PIG for data analysis

Training: Worked on **J2SE** and **J2EE**, hands on application development training at SSI — Feb-Sept 2014

- Developed a text editor desktop application and various enterprise web applications. Developed Session Beans. Wrote SQL Queries and integrated them. Implemented triggers, packages, procedures and functions using PL/SQL

PROJECTS

DevOps workflow for automatically building and analyzing software applications — Feb-March 2018

Academic project, Professor Mark Grechanik, UIC — **[Bitbucket]**

- Programmatically searched Java repositories in GitHub and uploaded them to Gitlab server, triggered Jenkins build
- Build using Gradle, performed tests and collected results running locally using Docker. Made Understand API calls to create analysis report on the software applications

Online Shopping Web Application — May2017

Individual project based on J2EE and Web Technologies — **[GitHub]**

- Technologies: J2EE, MVC, MS Access, Hibernate and Struts frameworks, GUI using HTML and JSP
- Provided an online shopping environment over multiple categories of products enabling user to create private accounts and use a shopping cart.

Efficiency of Priority Queues — Feb-April 2017

Academic group Research project, Professor Dinesh Patel, SVITS — **[Paper1][Paper 2]**

- Implemented priority queues using arrays, heaps and specialized heaps
- Created a memory pool significantly reducing the time needed in generating the priority queues

ACHIEVEMENTS and CERTIFICATIONS

- **Academic scholarships** at high school and graduate school based on excellent past academic performances
- EMC Academic Associate: Information Storage and Management, Cloud Infrastructure and Services