

Gurpinder Singh Randhawa

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Education

Bachelor of Technology, Computer Science and Engineering.

Graduating May, 2016

Indian Institute of Technology Patna (IIT Patna): *Cumulative Grade Point Average: 9.41/10* (Over 6 semesters)

Higher Secondary Certificate, Punjab School Education Board.

Graduated March, 2011

H.S.D Geeta Bhavan Senior Secondary School Gurdaspur : *First Class with Distinction* (78.33% Aggregate)

Higher Secondary Certificate, ICSE Board.

Graduated March, 2009

Little Flower Convent School Dhariwal, Gurdaspur : *First Class with Distinction* (86% Aggregate)

Scholastic Achievements

Secured All India Rank 3887 in IIT-JEE 2012

Internship at Cisco Systems

(June-July, 2015)

Project :- Automation and Tools Initiatives

The following tools were created during internship.

TopoFinder : It can find the best topology from bigger pool of topologies according to the user specified requirements

Confquick : Generate configs for any feature/functionality with embedded scaling capabilities . Input can be given through yaml file or by confquickapp.

Academic Projects

Database Management Project:- Web Analytics

Key features are calculation of max, min, avg responses time, total visits per day, weekly visit pattern of users, rush hours and Rush days of week, finding usage share of visitors' browsers.

Android Food Survey App:

The aim of the project is to develop a system which facilitates the user travelling by train to get information about the availability of a particular food item on the nearby station. The user has to enter the details like name of the train, bogie number, food item needed and then the app will provide the rated shops with their distances from that bogie wherever that food item is available on the coming station. After 15 minutes of getting details about a shop, user will get a notification to provide feedback about that shop and this feedback will improve the user experience.

Technical Skills And Coursework

Java Programming	Algorithms	Data Structures	Computer Networks
C Programming	Intro to UNIX/LINUX	Database Management System	OOPS
Software Engineering	Computer Architecture	Programming Languages	Digital Design
Formal Languages And Automata		Optimization Techniques	

Extracurricular Activities

Leader of BHANGRA team (*Indian folk Dance*)

Organizer of Lohri Celebrations at IIT Patna

Organizer of Team Outings in Company

Involved in Anwesha (Cultural cum Technical fest of IIT Patna)

Involved in Celesta (Technical week of IIT Patna)