Rahul Verma

Master of Technology
in Computer Science and Engineering
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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Master of Technology in CSE	Indian Institute of Technology, Ropar	6.96 (Till 2nd Sem)	2021-2023
Bachelor of Technology in CSE	Dr. A.P.J. Abdul Kalam Technical University	59.34%	2012-2016
Intermediate	Indian School Certificate	69.33%	2011
High School	Indian Certificate of Secondary Education	64.85%	2009

EXPERIENCE

- **IIT Ropar** *2021-present*
  Teaching Assistant Punjab, India
  -Contributed in doubt solving ,assignment checking, grading and setting the assignments
- **FirstWire Apps (part of BICSL)** *March 2018 - February 2019*
  Software Engineer Bangalore, India
  − Worked as full stack web developer contributing to various web based projects
- **Infoseek Software Systems** *June 2017 - March 2018*
  Jr. Software Engineer Lucknow, India
  − Worked as full stack web developer contributing to various web based projects

PROJECTS

- **Load Balancing in Fog Computing | M.Tech Thesis Project** *Ongoing.*
  Under Guidance : Dr. Nitin Auluck, Associate Professor ,IIT Ropar **Github**
  − Skills: Fog computing, Cloud computing, iFogSim, Load balancing, IOT
  − Currently exploring various research papers related to load balancing in fog environment and finding ways to optimize the load by distributing the load between all the fogs equally.
- **Exploring Issues in Set Based Partitioning from Last-level Cache | Course Project** *March - May 2022*
  Under Guidance : Dr. Shirshendu Das , Assistant Professor, IIT Ropar **Github**
  − Skills: C/C++, Champsim Simulator, Memory Systems & Architecture, Research paper survey
  − A Research Project, reading various research papers related to cache replacement policies and cache partitioning. Implemented: static and dynamic set-based partitioning on last-level-cache memory in champsim simulator. Found three limitations in set-based partitioning.

TRAININGS & CERTIFICATES

- **Industrial Proficiency Aptitude Test for Engineers (CII - iPATE)**, *2021*
  -Total Marks | Status 48.5 out of 100 | QUALIFIED, Certificate ID: 2020010000956.
- **HEWLETT PACKARD Training, PHP with Wordpress**, *June-July2015*
  -Grade Score A+, Certificate ID: HP/STP/2015/N18820.
- **HEWLETT PACKARD Trainig, Core Java**, *June-July2014*
  -Grade Score B+, Certificate ID: HP/STP/2014/N13585.

TECHNICAL SKILLS

- **Programming Languages**: C/C++(advance), Python(Basics), MySQL, Java(Core), HTML5, CSS3, PHP, JavaScript.
- **Tools & Technologies**: Git, GDB, Linux, Adobe Dreamweaver, FileZilla, XAMPP, Adobe Photoshop
- **Frameworks & Libraries**: CodeIgniter(PHP), jQuery, Bootstrap, AJAX.

KEY COURSES TAKEN

- **CSE** : Data Structures ,Algorithms ,Programming languages, Operating System , Database management system, Computer Systems, Memory System and Architecture
- **Mathematics** : Discrete Mathematics, Graph Theory, Linear Algebra, Probability

POSITIONS OF RESPONSIBILITY

- **Volunteer**,HelpAge India NGO *2010-11*
- **captain**,Volley-Ball team of the college *2013-14*

MISCELLANEOUS

- **Qualified Industrial Proficiency Aptitude Test for Engineers (CII - iPATE)**, *2021*
- **Qualified GATE (Graduate Aptitude Test in Engineering-CS)**,Gate Percentile: 98.85 ,AIR 1172. *2021*
- **Qualified GATE (Graduate Aptitude Test in Engineering-CS)**,Gate Percentile: 95.55 ,AIR 4342. *2020*
- **STAR OF THE BATCH IN HEWLETT PACKARD for PHP WITH WORDPRESS**,Got Highest Marks in my batch *2015*
- **Interests**,Volley Ball ,Travelling, Table Tennis, Snooker.