Arun Singh Guleria

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EDUCATION

Indian Institute of Science

- Master of Technology in Computer Science and Automation **Aug 2023 - Present**
- CGPA - 7.50

RustamJi Institiute of Technology

- Bachelor of Technology in Computer Science and Engineering **Aug 2017 - 2021**
- CGPA - 8.02

- Higher Secondary School, Board of Secondary Education, Rajasthan, Percentage - 81.60 **2016**
- Secondary School, Board of Secondary Education, Rajasthan, Percentage - 84.33 **2014**

Roles and Experience

Infosys Limited - Bengaluru **Aug 2021 - July 2023**

Specialist Programmer (Jan 2023 - July 2023)

- Equipped with full-stack capability to deal with highly complex business logic and build end to end business solutions.
- Identifying innovative approach with proof of concept to effectively implement business requirement.
- Collaborating with team members to work on complex problems and make sure timely delivery of end-product.

Digital Specialist Engineer (Aug 2021 - Dec 2022)

- Worked on front-end part of the application and ensured timely deliveries while maintaining the utmost quality and adhering to guidelines.
- Made design recommendations towards development of new code and reuse of exisiting code.
- Writing test cases and testing application to avoid unwanted changes.

Reference - Kasim Mohamed H | Senior Technology Architect at Infosys Ltd | Plano, Texas, USA

- Mailing address - kasim.mohd.h@gmail.com | mohamed_h01@infosys.com
- Contact number - +1 (346) 225-5444

Keka Technologies Private Limited - Hydrabad **Aug 2021 - July 2023**

Quality Analyst Intern (WFH) (Oct 2020 - Dec 2020)

- Trained in Learning and understanding the workflow of application and help maintaining the production code with maximum possible quality.
- Identifying UI and functional bugs and tracking them until fixed.

Projects -

- Optimizing performance of dialated convolution -
  - Implimented single thread, multi-thread, and GPU based cuda program to evaluate performance
  - Used hardware performance measuring tool to identify bottlenecks and check finer granularity to optimize overall performance
- Analyzing cost effectiveness of Branch predictors-
  - Explored different branch prediction techniques to improve overall CPI of processor
  - Used perf tool to identify bottlenecks and check finer granularity to optimize overall performance
  - Explored branch predictors with different history length to improve branch prediction.

Relevant Courses -

- Computer Architecture, Design and Analysis of Algorithm, Probability and Statistics, Applied Linear Algebra and Optimization

Additional Skills -

- Language - Hindi (native), English (Business Professional)
- Certification - Introduction to Data Science, Python for Everybody Specialization
- Skills - C, Python, NumPy, Pandas, Matplotlib