Himanshu Gusain

Software Engineer

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Education

Indian Institute of Information Technology Allahabad — *UttarPradesh, India*

Bachelor in Technology, Information Technology — *2015 - 2019*

GPA: 8.38/10.0

Doon International School , Dehradun — *Uttarakhand, India*

Senior Secondary Examination — *CBSE*

94.8

Masseeh Dilasa School , Uttarkashi — *Uttarakhand, India*

Higher Secondary Examincation — *ICSE*

94.4

Skills

Languages Python, TypeScript ,C, C++,SQL

Frameworks REST, Django, Angular

Tools Debian , Windows , SQL-Alchemy, Git, Jenkins

Experience

Software Engineer — *Banglore, India*

Soroco India Pvt. Ltd. — *June 2019 - Present*

- Development of a Business process automation System
- Understanding and modelling Business Requirements
- Deliver a reliable System working in agile environment.

Software Engineer Intern — *Banglore, India*

Soroco India Pvt. Ltd. — *Jan 2019 - May 2019*

- Build UI for Input forms on Dashboard
- Sanitize and validate data inputs
- back-end api for new UI features
- Writing automated test cases.

Technical Support — *Allahabad, India*

Frag Fest'18 — *Oct 2017 - April 2018*

- Launching game server on Digital Ocean for competition.
- Administrating servers for online qualifiers.
- Setting up and supporting servers during LAN Finals

Projects

Learning Based Scheduler for Dynamic Thermal Management in Many Cores CPU. — *IIITA*

B.Tech Undergraduate Project for Semester Project — *2018*

- Proposal of a learning based scheduler for Dynamic Thermal Management.
- Predicting temperature changes from current frequency cycles by training ML model by running benchmarks utilities.

Implementing and Analysis of Dynamic Load Balancing in Hadoop — *IIITA*

B.Tech Undergraduate Project for Distributed Systems — *2018*

- Implementation of A Research Proposal on Dyanamic Task Distribution among nodes in a Cluster.
- Enable comprehensive analyses by comparing results with Static Distribution Methods.

Analytical Modelling of Synchronization in Many-Core Processors using Petri Nets. *IIITA*

B.Tech Undergraduate Project for Semester Project *2017*

- This project intends to model many-core processors with sophisticated caching architecture and interconnection structure using Generalized Stochastic Petri Nets (GSPNs) followed by simulation and analysis of sample applications and synthetic benchmarks on the created GSPN model

Complain Management System. *IIITA*

B.Tech Undergraduate Project for Semester Project *2016*

- DBMS project
- Online Customer Complain System Project is a web based application which will be used for handling the various types of complaints occurred in the product of any kind of organization