

Digendra Rai

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Profile

Enthusiast and always a curious learner, ready to make a difference in this world by infusing the best knowledge into the minds of a new generation.

Objective

Have 3 years of experience in software stack development and Machine Learning using C, C++, and python technology. Knowledge of Software Testing, Automation, designing, developing and implementing test plans, test cases and test processes.

Capability to learn and take responsibility to cater and fulfil the needs of the educational organization.

Experience

2018 to Present – Multicoreware, Chennai

Provide object-oriented software design for developing software stack for radar platform. **Achievement Highlights:**

- Developed embedded application software for a radar module system.
- Performed software verification, integration, and unit testing through testing on the device and the simulator.

Worked on different Machine Learning modules to cater to the development of an embedded board **Achievement Highlights:**

- Used different Machine Learning Modules for an embedded board to cater to different real-world requirements.
- Contributed to the production solutions' development, testing and deployment

Skills

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- **Excellent organizational and analytical skills**
 - **Excellent written and oral communication skills**
 - **Ability to read, understand, and communicate technical documentation**
 - **Strong background in Python, C, and C++.**

- **Share knowledge with people known for their world-class expertise and insight**
- **Worked with clients, locally and internationally**

Education

Master of Technology (Computer Science) | Sri Sathya Sai Institute of Higher Learning¹, Prasanthi Nilayam, India. | CGPA 7.9/10.0 | June 2016-April 2018

Integrated Bachelor(BCA-MCA) - Master of Computer Application | Sri Sathya Sai Institute of Higher Learning¹, Prasanthi Nilayam, India. | CGPA 7.4/10.0 | June 2011- April 2016

XII | 76% | ISE | St. Joseph School, North Point, Darjeeling, West Bengal, India | March 2011

X | 85.4% | ICSE | West Point School, Darjeeling, West Bengal, India | March 2009

¹The National Assessment and Accreditation Council (NAAC) has granted an accreditation of 'A' to this Institution, placing it in the top grade among the Indian Universities.

Publications

Digendra Rai and Pallav Kumar Baruah, "*Protocol Design for E-Voting using Blockchain*", coming as a chapter in a book entitled, "Industry and the Machines Impact, 2.0"

Manoj Subhankar Sahoo, Digendra Rai, Sai Lakshman and Pallav Kumar Baruah, "*HBasechainDB2.0 - A Scalable Blockchain Framework on Hadoop Ecosystem*", at IEEE International Conference on High-Performance Computing (HIPC - 2017), Student Research Symposium, Jaipur, India Dec 2017.

Manoj Kumar, Digendra Rai, Abhishek Gupta and Pallav Kumar Baruah, "*Parallel Implementation Compression based on Block Classification Scheme*", at IEEE International Conference on High-Performance Computing (HIPC - 2017), Student Research Symposium, Jaipur, India Dec 2017.
