PIYUSH RANJAN BISWAL

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ABOUT ME

I am currently a Software Developer in the Oracle Health Insurance unit within Oracle that develops a suite of applications used worldwide by healthcare providers and health insurance companies. I have a keen interest to work in and contribute to the domains of Software Development and Deep Learning. I am always looking forward to finding practical and efficient solutions to real-world problems using software. My favourite pastime is reading novels, clicking pictures and playing video games.

EDUCATIONAL BACKGROUND

National Institute of Technology, Rourkela
Odisha
B. Tech. in Computer Science & Engineering
2017 - 2021
CGPA: 8.40
Graduated with Honours.

DAV Public School, Chandrasekharpur
Bhubaneswar, Odisha
Intermediate in Science
2015 - 2017
Percentage: 94.2%
Matriculation
2013 - 2015
CGPA: 10

PROJECTS

Building Damage Detection using Wavelet Transformation & Convolutional Neural Networks
January 2021
Designed Neural Network using PyTorch to detect damaged buildings from aerial images using CNNs and Wavelet Transforms.
https://doi.org/10.1007/978-981-16-6332-1_60

Automated Traffic Sign Recognition using Deep Neural Networks
October 2020
Designed multiple Neural Networks using PyTorch to identify 43 different traffic signs with high accuracy.
https://doi.org/10.1002/9781119884392.ch4

WORK EXPERIENCE

Software Developer
ORACLE
July 2021 - Present
Currently working in the Oracle Health Insurance team at Oracle that develops a suite of applications that automate the core back office processes for healthcare payers. It includes claim adjudication, claim pricing, member enrollment, premium rate calculation, authorization processing and value-based payments.

Intern
OPTUM
June - July 2020
Completed training in various Machine Learning and Deep Learning concepts and ideas on Percipio platform. Learned to apply these concepts in projects.

SKILLS

- Application Development - Java/J2EE, Spring, Maven, REST APIs, JUnit, Mockito, Jenkins, JIRA, Sonar, Subversion, Git
- Databases - Oracle SQL, MySQL
- Programming - C, C++, Python, Java
- Objected Oriented Programming
- Software Testing and Debugging
- Remote Collaboration