

PIYUSH RANJAN BISWAL

SOFTWARE DEVELOPER

Bengaluru, India | +91-8908347022 | urpiyush39@gmail.com | linkedin.com/in/piyushrb

SUMMARY

A proficient software engineer with more than 3 years of experience specializing in Java development. Adept at designing, developing, and maintaining scalable, high-performance applications. Proven ability to collaborate effectively within cross-functional teams to deliver innovative solutions on time. Strong analytical skills, with a knack for diagnosing issues and improving existing code performance. Dedicated to ongoing professional growth and staying current with the latest industry trends and best practices.

WORK EXPERIENCE

Software Developer 2, ORACLE

Sep 2024 - Present

- Spearheaded efforts for development and delivery of several product releases, implementing 50+ incremental quality of life improvements and bug fixes, leading to a 40% reduction in customer-reported issues.
- Developed an asynchronous notification-driven framework for a complex product aimed at enhancing recoverability from recurring errors, achieving a 40% reduction in customer downtime.
- Contributed to the design and development of a complete overhaul of the data storage mechanism for multiple products utilising OCI Object Storage bringing down cost to customer by 60%.

Software Developer 1, ORACLE

Jul 2021 - Aug 2024

- Awarded Oracle Pacesetter Award for leading efforts to enhance customer experience and build an efficient customer support environment, resulting in a 40% decrease in average resolution time.
- Implemented efficient data storage solutions that resulted in a 20% reduction in customer expenses towards redundant storage costs.
- Streamlined product functionality, enhancing overall customer workflow efficiency by 25%.

Intern, Optum

Jun - Jul 2020

- Completed comprehensive training in Machine Learning and Deep Learning on the Percipio platform, gaining expertise to address real-world challenges such as image recognition and predictive analytics.
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EDUCATION

National Institute of Technology, Rourkela

2017 - 2021

B. Tech in Computer Science & Engineering
Graduated with Honours
CGPA: 8.40

PROJECTS & PUBLICATIONS

Building Damage Detection using Wavelet Transformation & Convolutional Neural Networks

Jan 2021

Trained a Convolutional Neural Network using Discrete Wavelet Transforms to assess structural damage to buildings after natural disasters from aerial images with high accuracy.

https://doi.org/10.1007/978-981-16-6332-1_60

Automated Traffic Sign Recognition using Deep Neural Networks

Oct 2020

Trained multiple Deep Neural Networks to recognise 43 different traffic signs in real-time with high accuracy.

<https://doi.org/10.1002/9781119884392.ch4>

TECHNICAL SKILLS

Application Development - Java, Spring, Maven, REST APIs, JUnit, Mockito, Jenkins, Subversion, Git

Technical Concepts - Objected Oriented Programming, Version Control Systems, Database Management

Databases - Oracle SQL, MySQL

Languages - C, C++, Java, Python