



# Rabinandan Kishor

Looking for an opportunity to work in a challenging position combining my skills in Software Engineering, which provides professional development, interesting experiences and personal growth.

## CONTACT

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## SKILLS

### Languages:

- Python
- C++
- HTML
- MySQL

### Libraries:

- NumPy
- Pandas
- OpenCV
- Scikit-learn
- Matplotlib

### Frameworks:

- TensorFlow
- Keras
- PyTorch

## ACCOMPLISHMENTS

### Patent

- Pipeline processing system and non-transitory computer readable recording medium for recording pipeline processing program (Japan, PN-20240220280)

### Publication

- Neuro-Symbolic AI: Bringing a new era of Machine Learning (India, ID-2326-

## EXPERIENCE

### Unit Leader: AI SDK

#### AWL Inc - Sapporo, Japan

09/2019 - Current

- Collaborated with a team of **10** to develop and achieve project goals, resulting in a **20%** productivity increase.
- **Managed** meetings, defined team roles, and monitored progress while addressing risks and coordinating plans.
- Planned, executed, and controlled projects to ensure compliance with contractual requirements and milestones.
- Developed and tested **Deep Learning** computer vision models to enhance project outcomes and efficiency.
- **Led** product installations in stores, communicated updates to stakeholders, and ensured quality in AWL Box production.
- Utilized tools like **JIRA**, Redmine and MS tools while applying PMP practices for project management improvement.

### Software Engineer: MTS

#### NEC Corporation India - Noida, Kanagawa, Japan

01/2017 - 05/2019

- Extended the functionality of **NEC's supercomputer Aurora** by implementing the Frovedis framework for vector processing and distributed computation using MPI in C++.
- **Developed** and **tested** Python and Lua drivers, along with machine learning models, for the **Frovedis** system, facilitating distributed deep learning implementations.
- Collaborated with a team of **12** to design scalable solutions, define client requirements, and optimize performance through critical thinking and problem-solving.
- **Authored** development **reports** to communicate project milestones to stakeholders while supervising developers and designers in the Frovedis project.
- Contributed to **IoT-based** Bluetooth management and intelligent video analytics initiatives, demonstrating strong technical aptitude and commitment to innovation.

2336)

- Labor status in Japan and analysis of WMN model to procure External human resource from overseas (India, ID-IRJMETS30577)
- Implementation of Cloud for Online Election System (India, ID-V3I3-0050)

### General

- **Appreciation** from senior management for outstanding performance in resource management and relationship
- **Recognized** for internal organization's policy improvements
- **Finalized** in Hacker Earth FinTech competition
- Honor grade in high school and senior secondary examination.

### CERTIFICATIONS

- Certified Associate in Project Management (CAPM)
- ITIL V4
- BJT 400
- JLPT N3

### LANGUAGES

<b>English:</b>	C2
Proficient	
<b>Hindi:</b>	C2
Proficient	
<b>Japanese:</b>	C1
Advanced	

### Internship

#### IBM India - Noida, India

06/2016 - 12/2016

- During summer internship, Practiced and explored **Java** and **advance** version of Java - J2EE, Servlets and **MVC** approach, JSP with MySQL.
- Distance learning portal: Worked with team and developed this project using JSP, Servlet and MySQL for high school students.

### EDUCATION

2024

#### Post Graduation Artificial Intelligence and Machine Learning

**Purdue University** - West Lafayette, Online

- Comprehensive and industry-relevant curriculum focused on equipping learners with essential skills in artificial intelligence and machine learning.
- Interactive classes and hands-on labs cover a range of topics, including supervised and unsupervised learning, deep learning, natural language processing, reinforcement learning, and Generative AI.
- Led by industry experts, the program provides practical insights and techniques applicable to AI and ML across various sectors.
- Designed to enhance career advancement opportunities in the rapidly evolving field of AI and machine learning through real-world projects and applications.

2022

#### MBA IT, Production & Operation : Dual Program Swami Vivekanand Subharti University - Meerut, Online

- Experienced in integrating technology with business processes to enhance efficiency and productivity.
- Skilled in project management, data analysis, and supply chain management.
- Successfully led initiatives to streamline operations and enhance IT infrastructure.
- Passionate about leveraging business acumen and technical expertise to drive organizational success and foster innovation.

2016

#### Bachelor of Technology Computer Science & Engineering

**Meerut Institute of Engineering & Technology** - Meerut

- Computer Science & Engineering graduate with expertise in software development, machine learning, and database management systems.