

Pradeep Kumar Tripathy

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EDUCATION

Santa Clara University, Leavey School of Business

Santa Clara, CA

Masters of Business Analytics

December 2025

- Relevant Course Work: Data analytics, Python, DBMS, Machine learning, Cloud computing, Tableau

Queensland University of Technology, Brisbane, Australia

Masters of Business Advanced, (Applied Finance)

December 2017

Sambalpur University, India

Masters in Computer Application, (Computer Science)

September 2006

TECHNICAL SKILLS

- **Data Analysis** - SQL, MongoDB, NoSQL, R, Python (Pandas, NumPy, Seaborn, Scikit-learn), MySQL, Machine Learning, Natural Language Processing, Deep Learning. Artificial Intelligence and Large Language models.
- **Frontend Development** - HTML, XML, jQuery, Ajax, Node JS, Angular, React JS
- **Cloud Technologies** - AWS. AZURE
- **Backend Technologies** - Java, J2EE, Spring, Hibernate, Kafka, MessageQ, Splunk, log4j. Kibanna
- **Tools** - JIRA, SharePoint, Jenkins, Gitlab CI/CD, Kubernetes, Docker, Anaconda, Jupyter, Eclipse, Visual studio

EXPERIENCE

Cognizant Technology Ltd.

Bangalore, India

Senior Software Engineer

Nov 2019 – Apr 2024

- Involved in technical code reviews, ensuring high-quality deliverables and robust system performance. Analyzed system needs, enhancing efficiency and optimizing processes through innovative solutions.
- Developed RESTful web services, improving application communication and data retrieval.
- Implemented microservice architecture, advancing system scalability and reliability

Entomo (formerly KPISoft)

Bangalore, India

Senior Product Engineer

May 2019 – Sept 2019

- Collaborated with distributed teams, project managers and business analysts from multiple teams with assertiveness.
- Participated in the design, build, communication, implementation, and on-going operating model for access support.
- Responsible for writing services to store and retrieve user data from the MongoDB for the application.
- Used a microservice, with Spring Boot-based services interacting through a combination of REST and Redis server

Tech Mahindra.

Bengaluru, India

Technical Associate

June 2010 – May 2013

- Worked in Enterprise Application Integration technologies explicitly in SOAP webservices suites of products, involved in application development and frontend designs.
- Involved in testing, debugging, diagnosing and correcting errors and faults in a variety of applications by using different tools.

Capgent Technologies. Pvt. Ltd.

Mumbai, India

Software Engineer

Jan 2010 – Apr 2010

- Developed and maintained program code to meet system requirements, system designs and technical specifications in accordance with quality-accredited standards.
- Involved in Identifying technology limitations and deficiencies in existing systems and associated processes, procedures and methods.

Base Information Management Pvt. Ltd.

Mumbai, India

Software Programmer

July 2007 – Jan 2010

- Analyzed project requirements by reviewing program objective, input requirements with analyst, supervisor, and client.
- Documented code consistently throughout the development process by listing a description of the program, special instructions, and any changes made in database tables on procedural, modular and database level.

ACADEMIC PROJECTS

Project Name: Customer shopping Trends in USA. (Python)

Project Name: Airbnb data Analysis. (R)

ADDITIONAL INFORMATION

Interests: Explore new coding languages and to visit new countries and experience diverse cultures.

Leadership Experience: Managed different teams for different modules and projects.

Recognition:

- Received Cognizant Cheers Award for Individual Contributor in USBank project
- Received AT&T supplier award from Techmahindra.
- Current recipient of academic scholarship from Santa Clara University.