

# R Prithvi Rajan

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**Address:** Birkbuschstraße 8, 12165, Berlin, DE

## SUMMARY

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Data analyst and database specialist with 3+ years managing large-scale healthcare data systems and 6 months of hands-on analytics experience. Skilled in Oracle and IBM DB2 database administration, SQL optimization, and data visualization with Power BI. Strong proficiency in Python for data processing and automation. Currently pursuing an M.Sc. in Bioinformatics to deepen analytical expertise in life sciences and healthtech domains.

## TECHNICAL SKILLS

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**Data Analytics:** Python (Pandas, NumPy), R, Excel, Power BI, Data Cleaning, Trend Analysis.

**Databases:** Oracle 11g/19c, IBM DB2, PL/SQL, SQL Optimization, Data Guard.

**Tools & Platforms:** AIX, Linux, Git.

**Other Skills:** Reporting Automation, Data Migration, Performance Tuning, ETL Processes.

## WORK EXPERIENCE

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**Data Analyst - Accenture (Kaiser Permanente)** Jan 2024 – July 2024

- Analyzed over 100,000 hospital admission and claims records to identify trends in patient behavior and resource utilization.
- Developed interactive dashboards in Power BI that improved data-driven decision-making for outreach programs.
- Built and maintained SQL pipelines for claims processing, improving data availability and reducing report turnaround time by 30%.
- Identified cost-saving opportunities and at-risk patient groups through segmentation and predictive pattern analysis.

**Oracle Database Administrator - Accenture (Kaiser Permanente)** Dec 2021 – Jan 2024

- Led critical phases of Oracle 11g to 19c migration, ensuring 100% data integrity and zero production downtime.
- Diagnosed and optimized complex SQL queries, reducing average application latency by 20%.
- Designed and implemented robust disaster recovery using Oracle Data Guard, enhancing system availability for 24/7 operations.
- Administered patch management, access controls, and security audits for high-risk production environments.

**IBM DB2 Database Administrator - Accenture (Kaiser Permanente)** Feb 2021 – Sept 2021

- Managed and maintained high-volume IBM DB2 databases, ensuring optimal performance, reliability, and security.
- Designed normalized schemas and performance-optimized indexes aligned with business logic and user queries.
- Actively worked on multiple OS-level upgrades and planned database capacity expansion to support increasing data ingestion.
- Ensured continuous uptime and data integrity during system maintenance and patch rollouts.

## EDUCATION

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**Freie Universität Berlin, Master of Science in Bioinformatics** Oct 2024 - Present

- Current Coursework: Statistical Modeling, Machine Learning, Algorithm Development

**Karunya Institute of Technology and Sciences, Bachelor of Technology in Bioinformatics** July 2016 – Oct 2020

- Relevant technical skills: Python, IBM DB2, Oracle RDBMS, Drug discovery studio, PyrX, R programing, Virtual molecular screening, Pharmacophore modeling using LigandScout, Toxicity Analysis, Molecular dynamic simulation studies, Molecular databases, Cheminformatics, Medical coding, 3D QSAR, Health informatics IPR.

## SOFT SKILLS AND INTERESTS

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**Soft Skills:** Strong analytical thinking, effective communication, team collaboration, attention to detail, and adaptability in fast-paced, data-driven environments.

**Language Skills:** English (C2), German (Beginner), Hindi (C1), Tamil (C1), Telugu (B2)

**Interests:** Badminton | Gaming | Tech Exploration

## LEADERSHIP & EXTRACURRICULAR

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- Placement Coordinator – Bioinformatics Department
- Lead Editor - Gene Quotient (University Biotechnology Magazine)
- Lead Editor – BINDAS (University Bioinformatics Magazine)
- Part-time Financial Literacy Educator | Hardware Enthusiast