

## Amit Dilip Kini

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### EDUCATION

**M.S. in Data Science**

Rochester Institute of Technology

Pursuing

**B.E. in Information Technology**

Mumbai University

May 2009

### WORK EXPERIENCE

#### **Senior Manager – Data Analytics at Sportz Interactive**

**JAN 2019 – JUN 2021**

- Implemented **algorithm in MSSQL to identify the critical plays** in cricket to create automated broadcast highlight packages for India's premier sports broadcaster Star Sports
- Developed **predictive analytical model to identify win probability** of a team for the sport of Kabaddi. Identified data points to be used for analysis, implemented the algorithm to calculate the win probability by running thousands of simulations on each play during the live game.
- Implemented the algorithm to determine the top 11 players to be picked in fantasy team for Cricket.
- Led the data feeds integration for top enterprise clients like Microsoft (for Bing and MSN) and Amazon. Managed clientele that forms over 50% of the Business Unit Revenue

#### **Manager – Database Development at Sportz Interactive**

**JAN 2016 – DEC 2018**

- Led the development team to create the Soccer Fantasy game for UEFA EUROS. (20-member team)
  - Architected the solution to be hosted on AWS
  - Developed the Database SPs in PostgreSQL
  - Conducted load testing of APIs for over million hits per minute
- Led the development team of Horse Racing Data analytics tool RaceLens for the North American Horse Racing. (13-member team)
  - Coordinated with the client to understand data points and determine the key analytical data points. Defined technical specs for each module of the project
  - Architected the solution and developed the backend with optimization for scale and real-time analysis in Oracle

#### **Sr. Associate and Associate Manager – Database Development at Sportz Interactive**

**JAN 2012 – DEC 2015**

- Created a SSAS data Cube with hundreds of measures and dimensions to analyse Cricket data for in Venue analysts to give insightful information to the Television broadcast commentators in real-time
- Led the DB development for gaming products like Fantasy, win predictor, and quizzes for NFL, Soccer, and Cricket
- Mentored members of the team and ensured compliance to technical best practices
- Implemented agile methodology using Jira for project management across different teams

#### **Systems Engineer at Infosys Technologies Pvt. Ltd.**

**AUG 2009 – JAN 2012**

- MSSQL development to migrate Microsoft's Sales and Marketing CRMs from SEIBEL to their own GSX Next CRM
- Worked on the SSAS cube and SSIS packages
- Setting up SQL Server transactional replication
- Managing the dataflow to downstream systems and resolving any issues in the dataflow mechanism

### TECHNICAL SKILLS

- **Academic knowledge (Data Science):** Python Libraries for Data Science (**Pandas, NumPy, SciPy, scikit-learn, matplotlib, Seaborn**)
- **Academic knowledge (OOPs):** Java
- **Proficient in Databases:** MSSQL, Oracle, PostgreSQL, MySQL
- **Proficient in Database Services:** SSAS, SSIS, Transactional replication (MSSQL to MSSQL, MSSQL to Oracle, MSSQL to Postgres)
- **No SQL Databases:** Redis
- **In memory Relational Database:** Oracle Timesten
- **Cloud Platforms:** AWS (RDS, S3, EC2, Load balancers, SNS, Security group management)
- **CDNs:** Akamai
- **Analytics tracking** Google Analytics

### EXTRA CURRICULAR ACTIVITIES

- Member of the CSR team at Sportz Interactive (JAN 2017 - JUN 2021)
- Gave a talk on Sports fan engagement through data and technology at the MathSport Asia Practitioner's meet held at XLRI Jamshedpur (DEC 2018)