

**EDUCATION**

National Institute of Technology, Calicut

August 2018 - May 2022

B.Tech - CGPA 7.66

**WORK EXPERIENCE**

Software Development Engineer - Decimal Point Analytics

July 2022 - Present

- Conducted market research and data analysis in the FinTech sector, delivering actionable insights to guide product development and strategic initiatives.
- Designed and optimized Oracle APEX and MySQL databases to ensure high performance, scalability, and support for data-driven applications.
- Collaborated with cross-functional teams to build data-driven solutions, automating processes and improving operational efficiency across FinTech projects.

**PROJECTS**

- **Equity Market Indices Platform:**
  - Maintained MySQL databases for equity market indices with governance parameters, ensuring compliance and data accuracy.
  - Designed and optimized stored procedures, triggers, and events, enhancing automation and database performance.
  - Delivered efficient data pipelines, increasing data accessibility for trading desks and asset management teams.
- **Mutual Funds Indices Portal:**
  - Developed and optimized MySQL and MongoDB databases for mutual funds indices, ensuring efficient querying and storage of large datasets.
  - Provided actionable data insights to support clients' investment decisions, enhancing satisfaction across various fund types.
- **Oracle APEX Application Development:**
  - Created a full-scale application using Oracle APEX with PL/SQL, leveraging advanced database design principles.
  - Enhanced database scalability and performance, supporting a growing user base and complex queries.
  - Implemented business logic and data validation processes, improving system reliability and user experience.
- **Sentiment Analysis on Credit Cards (Hackathon Project):**
  - Built a sentiment analysis system using LLMs and Sentence Transformers to analyze customer feedback.
  - Created interactive visualizations to help banks and e-commerce platforms improve credit card offerings and customer satisfaction.

**PERSONAL PROJECT: Airport Chatbot Development**

- Developed an intelligent chatbot using RAG LLM, Gemini, and vector databases for real-time flight details, terminal information, and booking status.
- Utilized web scraping and API data fetch to collect dynamic data, enhancing user interactions with accurate, context-aware responses.

**SKILLS**

- **Programming:** Python, SQL.
- **Databases and ETL Tools:** MySQL, Oracle, MongoDB, Pentaho.
- **Machine Learning & AI:** Classification, NLP, Chatbot Development, Sentence Transformers.
- **Data Engineering:** ETL, Apache Spark, Azure Synapse Analytics.
- **Cloud Platforms:** AWS, Oracle Cloud, Azure
- **Soft Skills:** Team management, problem-solving, communication, critical thinking, leadership.

**CERTIFICATIONS**

- **Oracle:** OCI 2023 Certified Foundations Associate, OCI 2024 Generative AI Professional.
- **Microsoft Azure:** Data Engineer Associate.
- **ClickUp:** Admin, Expert.