

WORK EXPERIENCE

- Oracle India Private Limited**
    - Member of Technical Staff*
    - Data Analysis**
      - Designed a React-based tool with Oracle JET for data analysis using hierarchical aggregation, pivot tables, faceted filters, and charts.
      - Integrated Oracle Analytic Views and Data Insights into the Data Analysis tool for seamless data loading, analysis, and reporting, with export options to Oracle Analytics Cloud, Microsoft PowerBI, and Tableau.
      - Enhanced analytical capabilities by integrating generative AI for automated SQL query generation.
      - Invented AI-driven prototypes that push the boundaries of conventional data analysis.
      - Developed PL/SQL packages for seamless back-end data processing.
      - Built RESTful APIs following SOLID principles for scalability and extensibility.
    - Oracle Mobile App for Autonomous Database**
      - Led the development of a cross-platform mobile app(iOS and Android) using React Native to bring Oracle Autonomous Database to mobile devices.
      - Enabled voice-command interaction with the database and dynamic insight visualizations on mobile phones.
      - The product was showcased at Oracle Cloud World 2024.

Remote  
September 2020 - Present

EDUCATION

- Indian Institute of Technology Bombay**
    - Master of Technology - Computer Science Engineering; CPI: 8.42*
  - Ramrao Adik Institute of Technology**
    - Bachelor of Technology - Computer Science Engineering; CPI: 7.89*
- Mumbai, India  
June 2020  
Navi Mumbai, India  
May 2017

PROJECTS

- Connect 4 Game**
    - Built a Connect 4 game using React Native and deployed it on GitHub Pages.
    - Designed an interactive UI with turn-based indicators and dynamic board rendering for an engaging experience.
    - Implemented automatic winner detection and a winning sequence highlight, ensuring accurate game results.
    - Added an undo feature, allowing players to rethink their strategy by reversing their last moves.
    - Optimized UI re-renders, game assets, application bundle size.
  - Quick Marriage Biodata Maker**
    - Developed a ReactJS web app enabling users to create and download personalized marriage profiles.
    - Added features like personal details and profile pictures, with the ability to export profiles as PDF files.
    - Deployed the app on GitHub Pages at no cost, ensuring free access for everyone.
    - Used by more than 800+ users within the native community.
  - Elastic scaling using the libvirt API**
    - Objective:** Build a generalized autoscaler that elastically scales the server application in response to varying loads.
    - Implemented an elastic autoscaling system in Python to monitor and autoscale the number of server virtual machines depending on the load from a client.
    - Verified that as the client/load generator increases/decreases the load on the VMs, the autoscaler automatically scales up/down the number of VMs without losing any requests.
- January 2025  
August 2024  
April 2020

SKILLS SUMMARY

- Languages:** Javascript, Typescript, Python, SQL, Bash, HTML, CSS
  - Frameworks & Libraries:** React, React Native, Redux, Zustand, jQuery, KnockoutJS, requireJS, Oracle JET
  - Tools & Technologies:** Maven, Git, Jira, Docker, PostgreSQL, Oracle DB
  - Platforms & Cloud Services:** Mac, Linux, Windows, Android, iOS, Oracle Cloud, AWS, GCP

POSITIONS OF RESPONSIBILITY

- Mentor @ Oracle**
    - Mentored and assisted new grads and interns.*
  - Interview Coordinator for Placements**
    - Coordinated with a team of 250+ members for interviews of 1400+ students.*
  - Teaching Assistant**
    - Assisted instructors with the grading of exams and assignments.*
- Oracle  
August 2021, 2023, 2024  
IIT Bombay  
December 2018  
IIT Bombay  
July 2018 - June 2020