

## RESUME

# Surya Prakash Rao Pachinilla

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### Summary of Experience

- 3 years of IT experience and 2 years of Non-IT experience. Skilled in SQL development, specializing in database development, optimization, and maintenance.
- Proficient in RDBMS concepts with hands-on expertise in MySQL.
- In-depth knowledge of SQL, including views, indexes, stored procedures, functions, triggers, joins, and sub-queries.
- Strong skills in writing complex SQL queries involving multiple tables and advanced sub-queries.
- Experienced in developing tables, constraints, views, and indexes to enhance database performance.
- Handled data backup and restore structures.
- Competent in using JavaScript, TypeScript, and Node.js for back-end development.
- Proficient in GitLab for version control and Postman for API testing.

### Professional Experience

- Asset Telematics Pvt Ltd : May 2022 – Present (IT)
- Universal Mechatronics : May 2018 – May 2020 (Non-IT)

### Technical Skills

- Databases : MySQL, SQL Server, MongoDB
- Scripting Languages : JavaScript, Typescript
- Technologies : Node.js
- Third-Party Tools : Postman
- IDE : Visual Studio Code
- Version Control : GitLab

### Educational Qualifications

- B.Tech, Sree Vidyanikethan Engineering College, Tirupati, 2017.

### Achievements

- Qualified GATE Exam (2017)

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## Certifications

- Master Certificate in Mechatronics (NSQF), Central Institute of Tool Design, Hyderabad Includes 6 months of practical experience, including SQL.

## Key Projects

### Project 1 : HRMS

Organization : Asset Telematics  
Duration : Oct 2024 – Present  
Role : Software Engineer  
Client : Dubai  
Product Line : Tracking System  
Technologies : MySQL

### Description

Developed an HRMS portal to manage employee records and document details (Visa, Passport, Driving License, and Emirates ID). Automated tracking of document expiry dates and sent email reminders for renewals. Streamlined HR processes and ensured compliance with UAE regulations. Designed a user-friendly system to reduce manual efforts and improve efficiency.

## Roles & Responsibilities

- Involved in requirements gathering and analysis with leads.
- Designed tables, constraints, views, and indexes in coordination with the application team.
- Developed stored procedures, functions, triggers, joins, and sub-queries.
- Resolved issues and fixed bugs.
- Involved in the development of the master and reports modules.
- Handled data backup and restore structures.

### Project 2 : AIS 140

Organization : Asset Telematics  
Duration : Jan 2024 – Oct 2024  
Role : Software Engineer  
Client : Reliance Jio  
Product Line : Vehicle Tracking System  
Technologies : MySQL, MongoDB

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## Description

The Vehicle Tracking System is designed to track the live and past data of vehicles or people with enhanced features. The GPS device in vehicles retrieves data from satellites, which connects and pushes the data to servers through GSM mobile towers using predefined protocols. Key features include live tracking, truck booking, and reporting.

## Roles & Responsibilities

- Involved in requirements gathering and analysis with leads.
- Designed tables, constraints, views, and indexes in coordination with the application team.
- Developed stored procedures, functions, triggers, joins, and sub-queries.
- Resolved issues and fixed bugs.
- Involved in the development of the master and reports modules.
- Handled data backup and restore structures.

## Project 3 : FCEV

Organization : Asset Telematics  
Duration : Aug 2022 – Jan 2024  
Role : Software Engineer  
Client : Reliance Jio  
Product Line : Vehicle Tracking System  
Technologies : MySQL, MongoDB

## Description

The FCEV Portal is a web and mobile-based application for the company's daily operations. The Super Admin can manage employee bio-data, process leave requests, and send emails to higher authorities. Project Managers can track employee bio-data.

## Roles & Responsibilities

- Developed SQL Server-based solutions and web applications using SQL Server and MongoDB.
- Used Web API to store and retrieve data from the database.
- Fixed bugs and documented changes.
- Reviewed code with the team lead to improve programmability.

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Project 4 : Jio Humsafar  
Organization : Asset Telematics  
Duration : May 2022 – Aug 2022  
Role : Software Engineer  
Client : Reliance Jio  
Product Line : Vehicle Tracking System  
Technologies : MS SQL Server

### Description

Jio Humsafar Portal is a web and mobile-based application that facilitates daily company operations. The Super Admin can manage employee bio-data, process leave requests, and send emails to higher authorities. Project Managers can track employee bio-data.

### Roles & Responsibilities

- Developed SQL Server-based solutions and web applications.
- Fixed bugs and documented changes.
- Frequently reviewed the code with the team lead to enhance program quality.

### Personal Profile

- Date of Birth : 14-06-1996
- Father's Name : Pachinilla Chenna Rayudu
- Languages : Telugu, English
- Permanent Address : D. No: 6-54, Sanjeeva Nagar(V),  
Kothapeta (P), Khajipeta (M), YSR Kadapa (D)-516163

### Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Date:

Place:

Surya Prakash Rao. P