

Saritha Pradeep

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Professional Summary

Detail-oriented **Database and Software Professional** with an MSc in Web Development and over **1 year of experience** developing and troubleshooting **database-driven applications**. Skilled in **MySQL, SQL, relational databases, data modelling, CRUD operations, query optimisation, data integrity, and technical troubleshooting**. Experienced with **PHP, Laravel, CodeIgniter, Node.js, and RESTful APIs**, with knowledge of **database architecture, security, and cloud computing**. Seeking to contribute as a **Database Administrator** supporting secure, reliable, and efficient database environments.

Education

MSc Web Development

2023

University of Roehampton, London, UK

- Modules: Web Development, Full Stack Development, Database Systems, Software Engineering, Web Security, Cloud Computing and Modern JavaScript Frameworks.

Master of Computer Applications (MCA)

2016 – 2019

University of Kerala, India

- Modules: Data Structures, Java Programming, Database Management Systems, Software Engineering, Networking, Web Technologies.

Bachelor of Computer Applications (BCA)

2013 – 2016

University of Kerala, India

- Modules: Programming Fundamentals, C, C++, Web Technologies, Database Systems, Operating Systems.

Professional Experience

Associate Web Developer

1 Year

EJGates Infotech, India

- Developed **database-driven applications** using **PHP, Laravel, CodeIgniter, MySQL, JavaScript**, and RESTful APIs.
- Managed structured data using **SQL queries, CRUD operations**, and relational database concepts.
- Optimised **SQL queries** to improve data retrieval efficiency and database-backed application performance.
- Troubleshot and resolved application and database issues through **debugging, testing, and root-cause analysis**.
- Applied **database security principles** and secure data-handling practices when developing web applications.
- Used **Git/GitHub** for version control and collaborated in Agile-inspired development environments.

Skills

- Database Management
- MySQL
- SQL Querying
- SQL Query Optimisation
- Relational Databases
- Database Architecture
- Data Modelling
- CRUD Operations
- Data Integrity
- Database Troubleshooting
- Performance Monitoring
- Performance Tuning
- Indexing
- Backup and Recovery
- Disaster Recovery
- Capacity Planning
- Data Security
- Encryption Awareness
- PHP
- Laravel
- CodeIgniter
- Node.js
- RESTful APIs
- Git & GitHub

Other Work Experience

Administrator

1 Year

Leewa Building Cleaning Services, UAE

- Maintained accurate and confidential **office records** with strong attention to detail and data accuracy.
- Managed **emails, telephone calls, appointments, correspondence**, and administrative records.
- Supported **document management, information organisation, data handling**, and scheduling activities.
- Provided administrative support to **Sales Representatives, Property Managers**, and Senior Management.
- Organised business information to support efficient **data retrieval, record keeping**, and office operations.
- Coordinated daily administrative activities while maintaining strong **communication, organisation**, and attention to detail.

Academic Projects

Laundry Management System

React.js & Firebase

- Developed a responsive laundry management application with authentication and cloud database integration using Firebase.

Cooking Recipes Web Application

Node.js, JavaScript & MySQL

- Designed and developed a recipe management system with CRUD functionality using Node.js and MySQL.

Parismoon Dance Management System

PHP & MySQL

- Developed a web-based dance management system for student registration, scheduling, and administration.

GIS Based Exam Centre Allocation

Java & MySQL

- Developed a GIS-enabled examination centre allocation system as part of the MCA major project.