Priyanka Muralidhar Patil   [Portfolio](#)

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Developer with 3.7 years of experience and proficient with various tools like Python, MYSQL, JavaScript, JAVA, JIRA

PROFESSIONAL EXPERIENCE

Data Analyst | Bright Mind Schooling and Enrichment   **August 2023 – Present**

Bright Mind Schooling and Enrichment is a wellness education nonprofit working with those in need like the Street Care initiative
- Led cross-functional meetings to identify **data collection** inefficiencies, yielding a 30% reduction in errors.
- Automated data cleansing with **SQL Server queries** and Excel macros, saving 10 weekly hours

Software Engineer Intern | Triencon Services Inc.   **January 2023 – May 2023**
- Developed **React components** to display data from the .NET backend, achieving seamless data rendering through CORS, JSX, and handling loading/error states on 3 use cases
- Enhanced application efficiency by 40% via load testing and JIRA in an **agile environment**, addressing performance issues
- Optimized SQL Server databases with CTEs, indexing, query optimization, and **data normalization**, resulting in improve responsiveness and reduced **data retrieval time**, benefiting application performance

Graduate Student Lead | University of Texas at Arlington   **January 2022 – January 2023**
- Led a team of 10 undergraduate and graduate students in configuring and customizing Alma to **optimize library operations** and user experience
- Achieved a 95% average satisfaction rate by providing prompt **user support**, resolving inquiries, and conducting staff and patron **training sessions**.

Software Engineer | Wipro   **November 2019 - August 2021**
- Collaborated with a 4-member team to streamline Flask apps into **RESTful APIs** for efficient data exchange
- Ensured secure access and data protection by implementing **user authentication** and **authorization** with Flask, achieving a secure user environment
- Created an Enterprise **Data Warehouse** for clients using Talend Studio, processing over 600 tables and reducing **ETL pipeline** development time by 80% with standard templates
- Optimized data load time by 90% through **parallel execution** and scheduled jobs in Talend Cloud for enhanced efficiency

PROJECTS

Music Player Application | Software Engineering   **March 2022 – May 2022**
- Led a team of three to develop a web application for admins to add users and songs to display on users' dashboards. Operated **React** and NodeJS for seamless connectivity with **MongoDB** and integrated **secure Google login** with a high API hit ratio 0.944
- Initiated **Firebase** to streamline storage and improve the performance of the React application, ensuring **smooth data handling** and enhancing the overall user experience

Car Rental Application | Database Management Systems   **March 2022 – May 2022**
- Designed and developed a **MySQL database** for a Car Rental like Zipcar, utilizing requirement-gathering and relationship diagramming tools such as Lucid Chart
- Implemented relationship diagrams, including Logical Diagram, Entity-Relationship Diagram, and Enhanced ER Diagram, to create metadata and execute **DDL/DML commands** for the database
- Utilized **CRUD** operations in MySQL to develop a database that efficiently managed **Customer data**

EDUCATION

University of Texas, Arlington | Master of Science in Computer Science |GPA: 3.8/4   August 2021 – May 2023
University of Mumbai | Bachelor of Engineering in Information Technology | GPA: 3.6/4   June 2015 – June 2019

SKILLS

Programming Languages and Databases: JavaScript, Python, C#, HTML5, CSS3, NodeJS, ReactJS, Flask, JSON, C, XML, XSL, Java, Linux**,** SQL, MySQL, MongoDB, SQLite, PHP, SQL Server
Functional Skills: Web-Based Application Development, APIs, Software development life cycle, Sprint Planning, Agile Methodology, OS, Fundamentals, Networking concepts, Embedded Development, Testing, and Debugging
Tools: Microsoft Azure| Jupyter Notebook| MS Office| AWS | JIRA | Talend | MS SharePoint | Outlook