

# Monalisha Gayen

## Software Engineer

Navi Mumbai, Maharashtra

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As a Software Engineer with a specialization in Laravel, I design, develop, and maintain scalable web applications using the Laravel PHP framework. My expertise includes building robust back-end architectures, integrating databases, and creating RESTful APIs. I focus on delivering clean, efficient, and secure code while adhering to best practices in software development. Additionally, I collaborate with front-end developers, manage project lifecycles from concept to deployment, and ensure continuous optimization and troubleshooting of web services.

## Work Experience

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August 2021 - Present

Vashi, Navi Mumbai.

### Software Engineer

#### e-Stone Information Technology Private Limited

- **Projects:**

##### **1.Behear**

This project aims to develop an integrated platform that enables users to purchase and listen to audiobooks via a mobile application while allowing administrators to manage the audiobook catalog and user transactions through a web application. It also allows a web portal to the authors and the voice over artists of the books to have a track on their audio books, income, rewards, etc.

##### **2.Xautomobile**

This project aims to create a comprehensive platform that simplifies the process of buying tyres by enabling users to compare prices from different sellers and purchase tyres based on the vendor's and buyer's location at the best available price. The admin web portal will provide robust tools for managing the tyre catalog, sellers, invoices and user transactions ensuring smooth and efficient operations. With a focus on usability, security, and scalability, the platform will serve as a valuable resource in the tyre retail industry.

##### **3.Ambetronics**

This project focuses on developing a comprehensive MQTT-based system to monitor and manage temperature fluctuations of medicines stored in various locations. Using sensors to continuously measure temperature, the system will provide real-time alerts via SMS and emails to ensure the safe storage of medicines. This is critical in maintaining the efficacy of pharmaceuticals, which can be compromised if exposed to temperatures outside their recommended threshold ranges.

##### **4.Om Energy**

This project aims to develop an MQTT-based system with a descriptive web panel designed to monitor and alert relevant personnel about flooding on railway tracks using sensors. The system will provide real-time notifications via emails and SMS to ensure swift action can be taken to prevent accidents

and ensure the safety of railway operations during heavy rains.

**5.Goldmine**

This project aims to develop a comprehensive project management system tailored specifically for an architectural firm which will cut off most of the manual task of calculations that are done from excel. The system will manage employees, assign projects, handle billing, perform Bill of Quantities (BOQ) calculations, and generate detailed reports. The goal is to streamline operations, improve project tracking, enhance collaboration, and ensure efficient resource utilization within the firm.

**6.Digital Assistance**

This project involves developing a mobile application that allows users to set reminders for various tasks and events and is managed by an admin from the web application. The app will send notifications and ring alarms for the reminders set by users, ensuring they stay on top of their schedules. The admin panel will provide tools for managing users, monitoring app usage, and customizing notification settings.

Other minor projects.

**Education**

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2018 - 2021	<b>St. Xavier's College</b> <b>Bachelor of Science In Information Technology</b> 8.43 SGPA
2016 - 2018	<b>Father Agnel Multipurpose Junior College</b> <b>Higher Seconday Education (Science)</b> 85.85%
2006 - 2016	<b>Father Agnel Multipurpose School</b> <b>Seconday Education</b> 93.00%

**Skills**

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- PHP
- Laravel PHP Framework
- JavaScript
- jQuery
- AJAX
- MySQL Database
- MongoDB
- Clickhouse
- Git

**Languages**

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- English — Professional
- Hindi