

MONISHA NAGARAJAN

FULL STACK DEVELOPER

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TECHNICAL SKILLS

Backend Development: PHP, Laravel, RESTful APIs, Java, Spring Boot, OOP, MVC Architecture

Frontend Development: HTML, CSS, JavaScript, Blade, Bootstrap, jQuery, AJAX, React.js, Thymeleaf

Database & ORM: MongoDB, MySQL, Eloquent ORM

Tools & Technologies: Bitbucket, GitHub, Jira, Postman, Hoppscotch, AWS (EC2, CodeCommit)

PROFESSIONAL EXPERIENCE

Associate Software Engineer

DQI Technology Lab Private Limited

Nov 2023 - Present

- Designed and developed scalable web applications using Laravel (PHP) and RESTful APIs, following MVC architecture for clean code separation and seamless integration with mobile applications and third-party services.
- Built responsive user interfaces with Bootstrap, HTML5, CSS3, React.js and jQuery, leveraging AJAX and JSON for real-time dynamic interactions.
- Optimized MongoDB queries and database performance, enhancing application speed by 30%.
- Collaborated within Agile teams to deliver high-quality software solutions under tight deadlines.

Software Developer Intern

Techvolt Software Private Limited

Mar 2022 - June 2022

- Developed Core Java applications using OOP, exception handling, and JDBC by building small applications and enhanced problem-solving skills and optimized Java code for efficiency.
 - Collaborated with teams to improve development workflows and version control using Git.
 - Built a strong programming foundation and improved software development practices and contributing to long-term career readiness.
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PROJECTS

Student Management System

Technologies Used: PHP, Laravel, HTML, CSS, Bootstrap, AJAX, MongoDB.

- Developed a scalable Student Management System using the Laravel MVC framework, student supporting profile management, skill tracking, and academic record maintenance.
- Implemented secure RBAC (3-tier access for admin/teacher/student) with Laravel Sanctum authentication and CSRF protection.
- Designed a responsive UI with Bootstrap and AJAX to streamline photo uploads, while optimizing MongoDB queries with indexing and leveraging Eloquent ORM relationships to improve student data retrieval speed by 20%.

To-Do List Web App

Technologies Used: Java, Spring Boot, Thymeleaf, HTML, CSS, Bootstrap, MySQL.

- Developed a full-stack to-do list application with CRUD operations using Spring Boot (Hibernate/JPA ORM) and Thymeleaf for server-side rendering.
 - Built responsive UI with Bootstrap/CSS and implemented MySQL database via Spring Data JPA, optimizing task data management efficiency.
 - Implemented Spring MVC architecture for clear separation of concerns (Model-View-Controller) and maintainable ORM-backend code structure.
 - Enhanced UX with server-side validation and Thymeleaf dynamic updates (Maven-managed).
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EDUCATION

Computer Science and Engineering

Salem College of Engineering and Technology

Aug 2018 - July 2022

Salem