

## R. DIVYA DHARSHINI

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### PROFESSIONAL SUMMARY

Entry-Level Full Stack Developer with hands-on experience in designing, developing, and deploying responsive web applications using React, Angular, Spring Boot, Django, Laravel, and MySQL. Strong foundation in Object-Oriented Programming (OOP), RESTful API development, MVC architecture, and database management. Experienced Technical Trainer who mentored 50+ students and guided end-to-end project development with backend integration and deployment support.

### TECHNICAL SKILLS

Programming Languages: Python, Java, C, C++, PHP, JavaScript, TypeScript

Frontend Technologies: HTML, CSS, React.js, Angular

Backend Technologies: Spring Boot, Django, Laravel

Database: MySQL

Tools & Platforms: Git, GitHub, Postman, XAMPP, Jupyter Notebook

Core Concepts: OOP, Data Structures, REST APIs, MVC Architecture, CRUD Operations, API Integration, Authentication & Authorization

### PROFESSIONAL EXPERIENCE

#### Technical Trainer & Technical Support – VyTCDC | July 2025 – Feb 2026

- Delivered Java, MySQL, and Full Stack Development training to 50+ students with 90% project completion rate.
- Guided students in building end-to-end CRUD applications using REST APIs and database integration.
- Assisted in debugging backend and database issues to improve application performance.
- Supported project deployment and version control using Git and GitHub.

#### Full Stack Developer – Prince Capital | 2025

- Developed a financial analytics platform using React (Frontend) and Django (Backend).
- Designed and integrated RESTful APIs with MySQL for efficient data management.

- Implemented user authentication, backend business logic, and dynamic data visualization components.
- Ensured smooth frontend-backend communication and optimized API performance.

#### Java & MySQL Trainer – Computer Software College | 2024

- Conducted hands-on training sessions in Java programming and SQL database management.
- Mentored students in building database-driven web applications.

## INTERNSHIPS

#### AI/ML Intern – InternPe | 2024

- Built a Bitcoin price prediction model using Python, Pandas, NumPy, and Scikit-learn.
- Performed data preprocessing, feature engineering, model training, and evaluation.
- Visualized prediction results using Matplotlib.

#### Web Development Intern – DigitalPe | 2024

- Developed responsive web applications and integrated frontend interfaces with backend systems using REST APIs and MySQL.
- Worked on CRUD-based modules and API integration.

## PROJECTS

#### Cryptocurrency Bitcoin Price Prediction

- Developed a machine learning model to forecast Bitcoin prices using historical market data.
- Applied data preprocessing, feature engineering, and model evaluation techniques.
- Tools Used: Python, Scikit-learn, Pandas, NumPy, Matplotlib

## EDUCATION

B.Sc. Computer Science – Ethiraj College for Women | 2025 | 77.8%

Higher Secondary | 86.8%

SSLC | 65.8%