

# Omkar Dalvi Portfolio Website

## I am Omkar Dalvi

Data Specialist and Full-Stack Web Developer with Expertise in Modern Technologies

A highly skilled developer with a robust background in Data Science and Full-Stack Web Development, equipped with 1.5+ years of professional experience. Adept at leveraging data-driven insights through hands-on experience in Data Science and Machine Learning, enhancing software functionality and user experience. Proficient in building responsive, high-performance web applications, managing both front-end and back-end development using ASP.NET Core and C#. Expertise in web design, ensuring user-friendly and visually appealing interfaces. Skilled in Blockchain Development with Solidity, and experienced in designing and integrating RESTful APIs for seamless data exchange. Proven ability to deploy scalable web solutions on cloud platforms such as AWS and GCP.

[GitHub](#)[LinkedIn](#)[Email](#)[Phone](#)[Download CV](#)

## Education



### St. Mary's Multipurpose High school

Primary and Secondary Education (X)

Navi Mumbai, Maharashtra, India

Completed on 2020

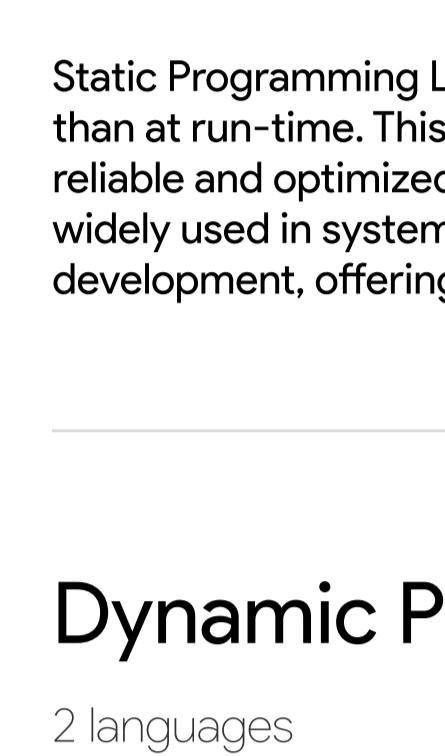


### Karmaveer Bhaurao Patil Collage

Higher Secondary Education (XII)

Navi Mumbai, Maharashtra, India

Completed on 2022



### Indian Institute of Technology, Madras (IITM)

BS Degree in Data Science and Applications

Since 2023

## Skills

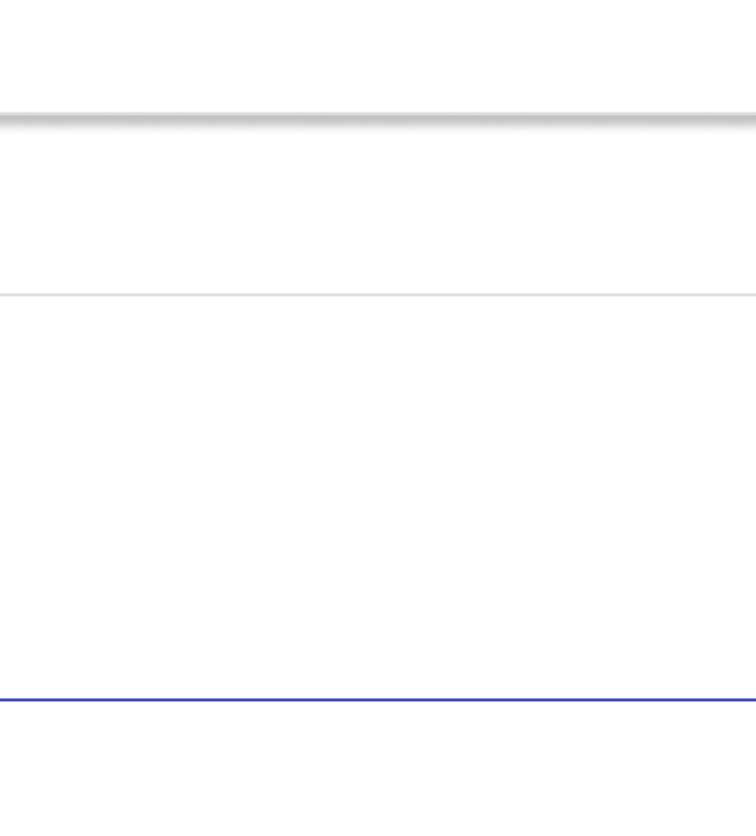
### Programming Languages

14 languages

#### Static Programming Languages

6 languages

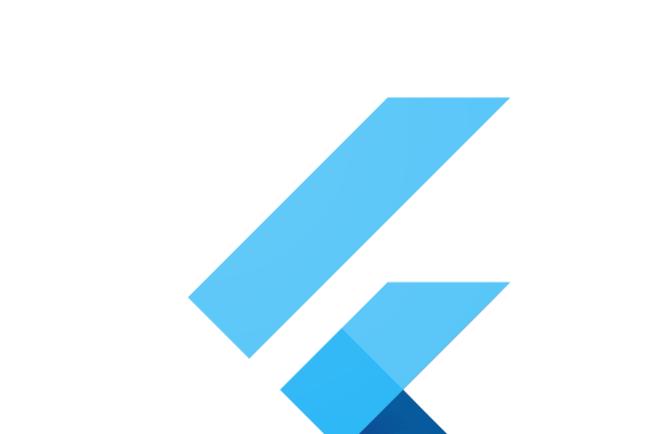
Static Programming Languages are languages where type-checking is performed at compile-time rather than at run-time. This ensures that errors related to type mismatches are caught early, leading to more reliable and optimized code. These languages, including **C**, **C++**, **C#**, **Java**, **Kotlin**, and **Solidity**, are widely used in systems programming, enterprise applications, game development, and blockchain development, offering enhanced performance, safety, and scalability.



#### Dynamic Programming Languages

2 languages

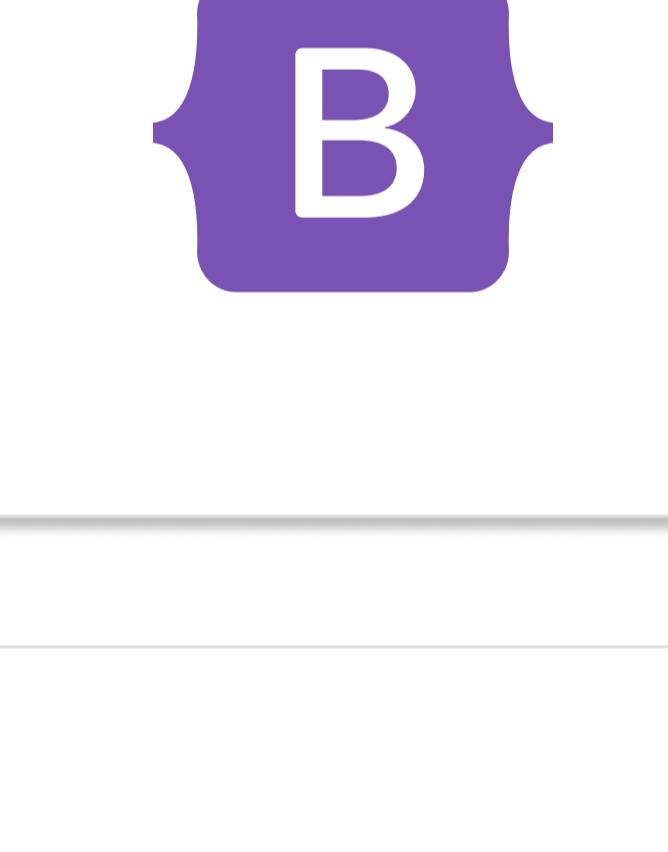
Dynamic Programming Languages perform type-checking at run-time, offering greater flexibility and ease of development. These languages, such as **Python** and **JavaScript**, are popular for their simplicity, rapid development capabilities, and adaptability to various programming paradigms. They are widely used in web development, data science, scripting, and automation, enabling developers to write more expressive and concise code.



#### Markup and Style Languages

4 languages

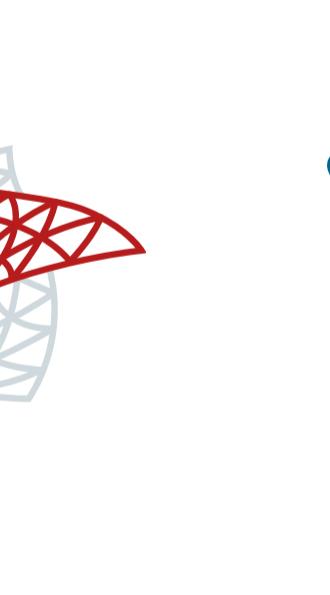
Markup and Style Languages are essential tools for structuring and presenting content on the web. Markup languages like **HTML5** define the structure and semantics of web pages, while style languages like **CSS3**, **Sass**, and **TailwindCSS** control the appearance and layout. These languages enable the creation of visually appealing and responsive websites, ensuring a seamless user experience across different devices and screen sizes.



#### Database Query Language

1 language

Database Query Language is specialized for interacting with and managing data in relational databases. **SQL (Structured Query Language)** is the most widely used language in this category, enabling the creation, retrieval, updating, and deletion of data. It provides powerful querying capabilities, making it an essential tool for database management, data analysis, and backend development.



## Frameworks

5 frameworks

### Frameworks for Backend Development

3 frameworks

Frameworks for Backend Development provide the essential tools and libraries to build robust, scalable, and secure server-side applications. **.NET** and **.NET Core**, both developed by Microsoft, are powerful frameworks that support a wide range of applications, from web to enterprise-level systems, with .NET Core offering cross-platform capabilities. **Laravel**, a popular PHP framework, is known for its elegant syntax and built-in features that simplify tasks like routing, authentication, and database management, making it ideal for developing modern web applications.



### Frameworks for Mobile and Cross-Platform Development

1 framework

Frameworks for Mobile and Cross-Platform Development enable the creation of applications that run seamlessly on multiple platforms from a single codebase. **Flutter**, developed by Google, is a leading framework that allows developers to build natively compiled applications for mobile, web, and desktop with a unified codebase. It offers a rich set of pre-designed widgets and tools, making it easier to create visually stunning and highly performant apps across different platforms.



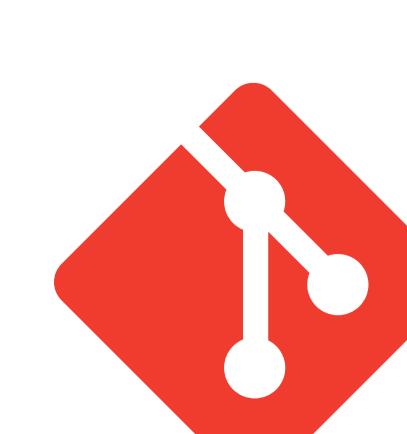
## Tools

3 Tools

### API Development and Testing

1 tool

API Development and Testing involve creating and validating the interfaces that allow different software applications to communicate with each other. **Postman** is a widely-used tool in this domain, offering a powerful platform for designing, testing, and documenting APIs. It simplifies the process of sending requests, inspecting responses, and automating tests, ensuring that APIs are reliable, secure, and function as intended.



### Project Management and Issue Tracking

1 tool

Project Management and Issue Tracking are vital for ensuring that software development projects are organized, efficient, and meet deadlines. **Jira** is a leading tool in this domain, providing robust features for planning, tracking, and managing tasks within agile teams. It helps streamline workflows, prioritize issues, and maintain clear communication, making it easier to deliver high-quality projects on time.



### Version Control

1 tool

Version Control is essential for managing changes to a codebase, enabling teams to collaborate efficiently and maintain a history of all modifications. **Git**, a widely-used version control system, allows developers to track changes, revert to previous versions, and work on different branches simultaneously. This ensures that projects are developed in a controlled and organized manner, reducing the risk of conflicts and loss of work.

