

Resources for Full-stack Development

Front-End Development:

Visit the following resources to learn more:

- [W3Schools: Learn HTML](#)
- [Codecademy - Learn HTML](#)
- [Interactive HTML Course](#)
- [HTML Full Course - Build a Website Tutorial](#)
- [HTML Tutorial for Beginners: HTML Crash Course](#)
- [HTML and CSS Full Course - Beginner To Pro](#)
- [W3Schools — Learn CSS](#)
- [freeCodeCamp — Responsive Web Design](#)
- [Learn to Code HTML & CSS](#)
- [What The Flexbox!](#)
- [Learn CSS | Codecademy](#)
- [Learn Intermediate CSS | Codecademy](#)
- [CSS Crash Course For Absolute Beginners](#)
- [HTML and CSS Tutorial](#)
- [CSS Masterclass - Tutorial & Course for Beginners](#)
- [W3Schools – JavaScript Tutorial](#)
- [The Modern JavaScript Tutorial](#)
- [Exploring JS: JavaScript books for programmers](#)
- [JavaScript Crash Course for Beginners](#)
- [Build a Netflix Landing Page Clone with HTML, CSS & JS](#)

Front-End Frameworks:

Visit the following resources to learn more:

- [Visit Dedicated React Roadmap](#)
- [React Website](#)
- [Official Getting Started](#)
- [The Beginners Guide to React](#)
- [React JS Course for Beginners](#)
- [React Course - Beginners Tutorial for React](#)
- [Understanding Reacts UI Rendering Process](#)
- [Visit Dedicated Angular Roadmap](#)
- [Official - Getting started with Angular](#)
- [Angular for Beginners Course \[Full Front End Tutorial with TypeScript\]](#)

- [Visit Dedicated Vue Roadmap](#)
- [Vue.js Website](#)
- [Official Getting Started](#)
- [Vue.js Course for Beginners](#)
- [Vue.js Crash Course](#)
- [Meet Vue.js, the Flexible JavaScript Framework](#)

Back-End Development:

Visit the following resources to learn more:

- [Official Website](#)
- [Learn Node.js Official Website](#)
- [Node.JS Introduction](#)
- [Node.js and Express.js Full Course](#)
- [What is REST?](#)
- [What is a REST API?](#)
- [Roy Fieldings dissertation chapter, Representational State Transfer \(REST\)](#)
- [Learn REST: A RESTful Tutorial](#)

Databases and Data Management:

Visit the following resources to learn more:

- [Visit Dedicated PostgreSQL DBA Roadmap](#)
- [Official Website](#)
- [Learn PostgreSQL - Full Tutorial for Beginners](#)
- [Learn PostgreSQL Tutorial - Full Course for Beginners](#)
- [Postgres tutorial for Beginners](#)
- [MongoDB Website](#)
- [MongoDB Documentation](#)
- [MongoDB Online Sandbox](#)
- [Learning Path for MongoDB Developers](#)
- [Dynamo DB Docs](#)
- [Official Developers Guide](#)
- [MySQL website](#)
- [W3Schools - MySQL tutorial](#)
- [MySQL tutorial for beginners](#)
- [MySQL for Developers](#)
- [MySQL Tutorial](#)

Version Control and Collaboration:

Visit the following resources to learn more:

- [Git](#)
- [What is Version Control?](#)
- [GitHub Website](#)
- [GitHub Documentation](#)
- [How to Use Git in a Professional Dev Team](#)
- [What is GitHub?](#)
- [Git vs. GitHub: Whats the difference?](#)
- [Git and GitHub for Beginners](#)
- [Git and GitHub - CS50 Beyond 2019](#)
- [Learn Git Branching](#)

Cloud Services and Scalability:

Visit the following resources to learn more:

- [Scalable Architecture: A Definition and How-To Guide](#)
- [Scaling Distributed Systems - Software Architecture Introduction](#)

GraphQL and API Design:

Visit the following resources to learn more:

- [Introduction to GraphQL](#)
- [The Fullstack Tutorial for GraphQL](#)
- [GraphQL Tutorials](#)
- [GraphQL Course for Beginners](#)

DevOps and Deployment Strategies:

Visit the following resources to learn more:

- [DevOps CI/CD Explained in 100 Seconds by Fireship](#)
- [Automate your Workflows with GitHub Actions](#)
- [What is CI/CD?](#)
- [A Primer: Continuous Integration and Continuous Delivery \(CI/CD\)](#)
- [3 Ways to Use Automation in CI/CD Pipelines](#)
- [Articles about CI/CD](#)

Monitoring and Performance Optimization:

Visit the following resources to learn more:

- [What is Monitoring?](#)
- [Everything you need to know about HTTP Caching](#)
- [Server-side caching](#)
- [Server-side caching and Client-side caching](#)
- [Memcached, From Wikipedia](#)
- [Memcached, From Official Github](#)
- [Memcached Tutorial](#)

Microservices :

Visit the following resources to learn more:

- [Pattern: Microservice Architecture](#)
- [What is Microservices?](#)
- [Microservices 101](#)
- [Primer: Microservices Explained](#)
- [Articles about Microservices](#)
- [gRPC Website](#)
- [gRPC Docs](#)
- [What Is GRPC?](#)
- [What Is GRPC?](#)
- [What is REST?](#)
- [What is a REST API?](#)
- [Roy Fieldings dissertation chapter, Representational State Transfer \(REST\)](#)
- [Learn REST: A RESTful Tutorial](#)