

## **97 Things Every Programmer Should Know**

### **– COLLECTIVE WISDOM FROM THE EXPERTS**

#### **Chapter 41-50**

#### **Chapter 41: Know How to Use Command-Line Tools**

Knowing how to navigate and perform tasks using the command line gives you power and flexibility in controlling your computer, like a wizard casting spells with words.

#### **Chapter 42: Know Well More Than Two Programming Languages**

Learning multiple programming languages is like being fluent in different dialects; it expands your ability to communicate with computers and solve problems creatively.

#### **Chapter 43: Know Your IDE**

Your Integrated Development Environment (IDE) is like your personal workshop, where you craft your software creations; understanding its tools and shortcuts can make your coding process smoother and more efficient.

#### **Chapter 44: Know Your Limits**

Acknowledging your own limitations is not a sign of weakness but a strength; it helps you focus on areas where you excel and seek support or collaboration in areas where you need assistance.

#### **Chapter 45: Know Your Next Commit**

Planning your coding commits is akin to laying stepping stones on a path; it guides your progress, keeps your code organized, and ensures that your team can follow your footsteps without stumbling.

#### **Chapter 46: Large, Interconnected Data Belongs to a Database**

Storing vast amounts of linked data in a database is like organizing a library; it keeps information orderly, accessible, and manageable, preventing chaos and confusion.

## **Chapter 47 : Learn Foreign Languages**

Mastering different programming languages is like becoming multilingual; it broadens your understanding of coding concepts and enables you to express yourself fluently in diverse development environments.

## **Chapter 48: Learn to Estimate**

Developing the skill of estimation is like sharpening a tool in your toolkit; it allows you to predict project timelines accurately, allocate resources efficiently, and navigate software development challenges with confidence.

## **Chapter 49: Learn to Say, “Hello, World”**

Starting with simple programming exercises is like learning to walk before you run; it lays the foundation for understanding complex coding concepts and building confidence as a programmer.

## **Chapter 50 : Let Your Project Speak for Itself**

A well-executed project is like a masterpiece displayed in an art gallery; it showcases your skills, creativity, and attention to detail, leaving a lasting impression on those who experience it.