

# **Software Development**

Our core development principles and practices are inspired by Extreme Programming, which is an agile methodology designed to improve software quality and reduce the cost of change. A deep dive into this can be found in Kent Beck's *XP Explained*. In this book, Beck talks a lot about three main things, but in a lot more detail:

- **Values**: The roots of the things we like & don't like in a situation. Important, but high-level enough that they might be misconstrued (e.g. Communication, Simplicity, Feedback, Courage, Respect)
- Practices: What you do. Practices are visible and concrete, but ... might not directly connect to a higher-level value (e.g., pairing, meeting, writing documentation)
- **Principles**: "Principles are domain-specific guidelines for life." Principles connect your values to concrete actions. Examples of principles include: Humanity, Economics, Mutual Benefit, Self-Similarity, Improvement, Diversity, Reflection, Flow, Opportunity, Redundancy, Failure, Quality, Baby Steps,

### **Core Values + Engineering**

- Listen first we are experts when it comes to software, but life long learners in the domain of our customers. We listen, collaborate, and iterate closely with our clients.
- **? Learn why** we are deeply invested in the outcomes of our clients and apply our expertise to make wise technology decisions with them.
- **Love your craft** we love programming and the craft of software engineering.

### **Our Practices**

Software Development 1

- **Pairing**
- TDD TDD
- Project Rotations
- Anchors
- Pair Retros
- Tech Lead

## **Engineering Events**

- Code Crushing Committee (CCC)
- Book Club

#### Resources

XP Onboarding Deck

Tech Retro

- Stripe Certification
- The Library
- Engineering Interview Process

#### **▼** WIP

These are topics that need a notion page or an update.

- Tech retros
- Introduction to XP
- Managing technical debt
- Pair retros
- Project rotations

Software Development 2

### **▼** Archived

- TDD (old)
- Rairing and Rotations 04.06.22

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