



MakeDev Program

Transform Talent to Tech

cprime

cprime.com | 877.800.5221

Copyright 2022 © Cprime Inc. All Rights Reserved.
Do not share without express written consent.

Overview

The MakeDev Program uses readily available non-technical talent to fill the unrelenting need for software developers. Internal staffers with deep business expertise and no development skills who may be at risk of layoffs can combine newly found technical skills to drive innovation and customer value. Groups traditionally overlooked and marginalized can be mobilized to contribute diverse viewpoints, and skill sets that better align products with changing markets.

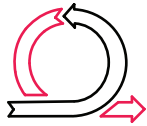
Individuals with little to no technical skill are taught logic, programming, and full-stack application development using an “engineering for agility” mindset. They spend four months working through the core curriculum, completing a set of coordinated projects, and then another two months with hands-on mentoring by established teams and coaches. One of the key differentiators in the Cprime MakeDev Program is the strategic use of curriculum and coaching. This ensures students receive a tailored experience that identifies and addresses areas of challenge unique to the individual.



The program focuses on helping each student discover their learning styles and how to leverage these styles for lifelong learning. This produces developers who effectively collaborate across the organization and learn at the constant pace of business change. Cprime provides consultative planning and coaching throughout the entire engagement.

Opportunity Statement

The factors setting the context



The Pace of Technology Change

This program creates adaptable engineers who are taught how to continually learn and add to their toolset as technology changes.



Reduction of Staff

Rather than downsize existing staff, utilize their organizational and domain knowledge within the engineering team.



Respond to Demographic Shifts

Enable product teams to better reflect their customers and leverage diverse talents and perspectives inside and outside of the organization.

Intended Audience

The program is relevant for any individual with a desire to execute technical work for an organization. This program assumes no prior development experience. Participants in the program are screened to determine their aptitude to successfully complete the program. Upon program completion, individuals can fulfill developer, quality assurance, and DevOps roles.



Learning Outcomes

Students learn and apply the following practices and concepts on your real-life product initiative:



Full-Stack Development Skills

The program produces well rounded engineers with front end, back end, and data tier technology skills.



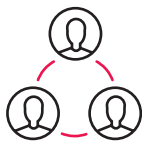
Personal Learning Framework

Students learn to leverage social programming and their learning style to accomplish individual and team goals.



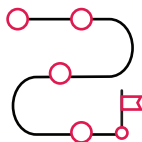
Agile Engineering Practices

Students learn XP craftsmanship from the beginning so they can distinguish and deliver high quality code.



Team Collaboration

The cohort learns to effectively work in a group environment leveraging communication, consensus, and accountability.



Career Transition

As these students make the career transition, they receive real-time support to empower their long-term career choices.

Sample Curriculum

Time Period	Topic
Week 1 & 2	Introduction to HTML, CSS, & Javascript
Week 1 & 2	Principles of Software Craftsmanship
Week 3	Using Refactoring, Debuggers, & Pseudocode
Week 4	Intermediate JavaScript & Regular Expressions
Week 5	Introduction to Data Structures
Week 5	Introduction to Terminal & Git
Week 6	TDD Basics
Week 6	Advanced JavaScript
Week 7	Node & NPM Basics
Week 8 & 9	Introduction to React
Week 10 & 11	Databases & ORMs
Week 12 & 13	REST APIs
Week 14 & 15	Advanced React
Week 16	Application Security
Week 17	Final Exam & Final Project Delivery