AZNext Full Stack Developer

AZNext

Arizona State University

Closing the Skills Gap to Build the Future Workforce

AZNext is a training program designed to create a bold, innovative, and sustaining workforce development ecosystem that addresses the need for more skilled workers in IT, cybersecurity, and advanced manufacturing roles in Arizona and across the U.S.

Provided at no cost to the participant.

Contact Us

Email
AZNext@asu.edu

Website
aznext.pipelineaz.com

Social Media

Instagram/Threads: AZNext_ASU
LinkedIn: AZNext
YouTube:@aznext9641

Certificate Program

cognizant

Be ready to upskill and move quickly with the new **Full Stack Developer Certificate Program in partnership with Cognizant**.

Cognizant Skills Accelerator offers individuals with an extensive skillset in Java with the opportunity to undergo a hands-on training featuring essential software development tools, approaches, and processes enabling graduates to soon become effective members of any future development team. This course is fast paced—with a new technology or technique to explore each week. Associated exercises will reinforce these concepts allowing learners to integrate prior lessons with their newly acquired skills. The course concludes with participants designing and building their own basic full-stack program.

Prerequisites

Candidates for the program should have at minimum an associate's degree (Bachelor's degree preferred), have completed the AZNext Junior Software Programmer Certificate program **OR** obtained equivalent training with a foundation in OOP (Object-Oriented Programming; Java preferred). This Pre-Apprenticeship program is targeted to career changers, upskillers, military, and underserved populations, but anyone who meets the admissions requirements is encouraged to apply. Candidates will be asked to submit an online application, resume and LinkedIn page to verify eligibility and baseline skills required for admission.

Program Timeline

The program consists of 14weeks of faculty-facilitated instruction including readings, exercises, labs and various Integrated Development Environments (IDEs). A Cognizant Speaker Series that ties into the Cognizant Skills Accelerator Program is a special addition to this offering.

- Week 1 – HTML
- Week 2 – CSS
- Week 3 – Interactive Websites (JavaScript)
- Week 4 – Interactive Websites (AJAX, DOM, CSS, HTML)
- Week 5 – The Programming Environment
- Week 6 – Programming Fundamentals
- Week 7 – Programming Fundamentals Part II (Java)
- Week 8 – Java and OOP
- Week 9 – Connecting Front-end to Back-end
- Week 10 – Connecting Front-end to Back-end Part II
- Week 11 – Database Fundamentals and SQL
- Week 12 – More SQL
- Week 13 – Connecting Your Code to a Database
- Week 14 – Bringing it All Together (Microservices/APIs, SQL, JavaScript, CSS, HTML)

The Final Presentation

Students will record a brief 5-minute video (using Teams/Zoom or recording from their own device) showing their completed application, how it was created, and how it works.

Cognizant Speaker Series & More

Participants will also be able to meet an array of Cognizant staff, including senior business leaders, apprenticeship alumni, learning & development professionals as well as recruiters. What's more, learners that complete Cognizant Skills Accelerator will be shortlisted to interview for a full-time paid apprenticeship opportunity with Cognizant.

Admission Requirements

Participants must be:

- 17 years of age or older
- Possess a two- or four- year college degree
- Eligible to work in the U.S.
- Resident of the state of Arizona
- Unemployed, underemployed, looking to upskill/retrain
- Meet the Java programing language experience requirement