

AWS Certified Solutions Architect

Associated Industries: Architecture and Construction | Information Technology

Description and Labor Market Information

The AWS Certified Solutions Architect is an IT certification that certifies knowledge of how to architect and deploy secure and robust applications on AWS technologies, define a solution using architectural design principles based on customer requirements, and provide implementation guidance based on best practices.

This credential was associated with 3 occupations that were identified as well-paying and in demand. Overall, those occupations represent 3,296 positions with 272 annual openings within the state and median hourly earnings of \$39.96.

Sample Occupations

Computer Occupations

Median Hourly Earnings: \$44.92
 Typical Entry Level Education Requirement: Bachelor's degree
 Total Positions: 1,607
 Annual Job Openings: 128

Software Developers, Applications

Median Hourly Earnings: \$38.46
 Typical Entry Level Education Requirement: Bachelor's degree
 Total Positions: 932
 Annual Job Openings: 83

Architects

Median Hourly Earnings: \$36.49
 Typical Entry Level Education Requirement: Bachelor's degree
 Total Positions: 757
 Annual Job Openings: 61

Certifying Entity Information

Amazon
Website: aws.amazon.com
Phone: N/A
Local Availability:
 Online

Exam Details

Age Requirement: N/A
Coursework/Hours to Complete: None
Length of Certification Validity: 3 years
Exam Cost: \$150 to \$300
Exam Time: 2 to 3 hours
Number of Questions: Varies
Pass Rate: N/A

PROMISING CREDENTIALS IN HAWAII

This project has been a joint effort between Kamehameha Schools, the Chamber of Commerce Hawaii, University of Hawaii P-20, and the Harold K.L. Castle Foundation.

Students in Hawaii can earn hundreds of industry-recognized credentials right now. Thousands of students are investing time and resources to achieve these credentials with the hope they will lead to a career that enables them to live and thrive in Hawaii. But how effective are these programs at preparing Hawaii students for future careers and long-term success?

Promising Credentials in Hawaii, a first-of-its-kind analysis for our state, looks at whether the credentials students can earn actually matter in the real world to local employers.

Through intensive labor market analysis and outreach to local Hawaii businesses, this project has identified **137 Promising Credentials** that are associated with in-demand, living wage occupations throughout the state. The process began with identifying **274 Promising Occupations** that met wage and demand thresholds. A list of corresponding credentials for the 274 occupations was then compiled using job postings data. Finally, Hawaii employers from across the state completed surveys and participated in focus groups to narrow the list of nearly 2,000 credentials down to the 137 credentials they say matter most when making hiring and promotion decisions.

The resulting Promising Credentials were identified as relevant in hiring and promotional decisions for multiple in demand and well-paying occupations within the state. A detailed one-page summary of each of these Promising Credentials has been organized for student, school, and community use.

The comprehensive report and associated data can be found at www.HawaiiCareerPathways.org.