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 HAWAIʻI

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

Students in Hawaiʻi 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 Hawaiʻi. But how effective are these programs at preparing Hawaiʻi students for future careers and long-term success?

Promising Credentials in Hawaiʻi, 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 Hawaiʻi 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, Hawaiʻi 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.