

AWS Cloud Developer

The National Fair Housing Alliance (NFHA) has an immediate opening for an AWS Cloud Developer to join its Tech Equity team. NFHA is the only national organization dedicated to eliminating housing discrimination and expanding equal housing opportunities. Founded in 1988, NFHA is the trade association for private, nonprofit fair housing organizations. Our members also include agencies and individuals that support our mission. Through its leadership, education and outreach, member services, public policy, community development, enforcement, homeownership, credit access, and tech equity initiatives, NFHA is dismantling longstanding barriers to equity, rooting out bias, and building diverse, inclusive, well-resourced communities. For more information about NFHA, visit www.nationalfairhousing.org.

Position Summary:

The Tech Equity team has a mandate to advance policies, educational resources, data driven-tools, and machine learning (ML)-processes for eliminating bias in technologies being used in housing and mortgage lending. We are looking for an AWS Cloud Developer to join the innovative, startup-like DevOps unit of our Tech Equity team. The Cloud Developer will use a disciplined, innovative, and business-focused approach to develop a wide variety of high-quality products and solutions driven by logic, data, and/or ML models.

As an AWS Cloud Developer professional, you will be making decisions of a national and strategic nature that impact housing and lending consumers. You will leverage your AWS Cloud expertise in designing, architecting, implementing, and analyzing complex data and model systems while anticipating problems and finding ways to mitigate risks. You will be key in contributing to a high performing team to successfully design and develop tech solutions marked as deliverables in our Tech Equity's roadmap.

We want someone who is comfortable asking "why?" and comfortable working in an agile environment. Visit <https://nationalfairhousing.org/program/tech-equity-initiative/> to learn more about NFHA's tech equity program.

Responsibilities:

- Create innovative, scalable, resilient cloud-native software solutions for our clients
- Work closely with project managers, data engineers, and data scientists to develop pipelines to deploy software or ML solutions
- Provides technical leadership in using AWS cloud resources
- Design, architect, code, test, and deliver cloud-native software to facilitate modernization, automation, and efficiency
- Implement performance tests, and identify bottlenecks as well as opportunities for optimization and capacity demands
- Follow the software development life cycle
- Ship well-tested, secure, reliable, and maintainable code within deadlines

- Create clear technical documentations and effective APIs
 - Work on feedback from users to improve applications
-

Required Skills and Qualifications:

- A diploma or bachelor's degree in Software Engineering, Computer Science, Computer Engineering, or equivalent experience.
 - 2+ years' software development or programming experience. 5+ years' experience for a candidate with diploma.
 - Hands-on experience with Terraform, React, Typescript, HTML, CSS, SQL, Docker, Git, and GitHub Actions.
 - Extensive Python programming background. Other programming languages may be considered.
 - Advanced knowledge of one or more infrastructure components and services (e.g., AWS cloud platform – EC2, RDS, Auto scaling, Load balancing, ECS for container orchestration, Lambda, IAM, and cost management)
 - Experience with implementing VPC using features like subnets, security groups, route tables, Nat gateway and internet gateway
 - Collaborate with member services, enforcement, and other NFHA departments
 - Adhere to NFHA's policies and procedures
 - Commitment to justice, civil rights, and equity
-

Preferred Qualifications:

The ideal candidate has experience engineering solutions on private and/or public cloud platforms. You will enjoy working collaboratively within your own team and with other teams around our organization. You will enjoy building upon your existing technical skills while developing new ones. Our team operates with a start-up mentality and takes pride in owning an objective to completion.

Application Process:

Pay will be commensurate with experience. The salary for this role ranges from \$90,000 to \$150,000.

NFHA is an equal opportunity employer that values and encourages diversity in its workforce. Interested applicants should send a resume, cover letter, and **up to two sample software projects** to:

Attn: Tech Equity via email at techequity@nationalfairhousing.org. No telephone calls, please. The position will remain open until filled.