



National Occupational Framework: Database Architect

Database architects design, build, and maintain complex databases to store and secure data for systems and applications. They analyze system requirements, code new data architecture and integrate with existing databases, ensure database security and integrity, develop and oversee backup policies and procedures, and monitor and improve database performance.

Database Architect
National Occupational Framework
<https://urbn.is/4kwrY3t>



Apprenticeship: A Solution for Recruiting and Training Database Architects

Apprenticeship programs combine learning on the job and in the classroom to train workers in the exact skills needed by employers. Database architects play a critical role in organizations' IT departments by ensuring proper database design, transition, backup, and security, and demand for these workers is growing. Apprenticeship programs can equip workers with the programming and database management knowledge and skills needed to enter and succeed in this high-growth occupation.



Apprenticeship Benefits:

90%
employment retention for apprentices

86%
of employers with programs recommend apprenticeship

\$1.44
return on investment for every dollar spent

WHAT'S INCLUDED IN A NATIONAL OCCUPATIONAL FRAMEWORK?

- background information to help you learn more about the occupation
- comprehensive list of the competencies apprentices need to do the job
- building blocks of information for employers developing a registered apprenticeship program

Questions? Visit the National Apprenticeship Resource Hub at apprenticeships.urban.org or contact the Urban Institute at apprenticeship@urban.org.



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