

# Architects

SOC: 17-1011 • Career Profile Report

## ■ Key Facts

<b>\$96,690</b> Median Salary	<b>123,600</b> Employment	<b>+4.0%</b> Growth Rate
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## ■ Requirements & Salary Range

Education: Bachelor's degree

## ■ Automation Risk Assessment

**Low Risk** - 17.0% probability of being automated in the next 10-20 years.  
This job is relatively safe from automation due to its creative, social, or complex problem-solving requirements.

## ■■ Work-Life Balance

**6.1/10** - Good work-life balance

## ■ Personality Fit (RIASEC)

Higher scores indicate better personality fit for this career type.

Realistic	8.2/10	Investigative	8.8/10
Artistic	6.4/10	Social	5.2/10
Enterprising	5.8/10	Conventional	6.6/10

## ■ Top Skills Required

Analytical skills, Communication skills, Creativity, Organizational skills, Technical skills, Visualization skills

### ✓ Strengths

- High Demand
- Flexible Work
- Continuous Learning

### ■ Challenges

- Burnout Risk
- Rapid Technological Change

## ■ What They Do



Architects typically perform the following tasks:

- Develop final construction plans that include aesthetic representations of the structure or details for its construction.
- Prepare scale drawings or architectural designs, using computer-aided design or other tools.
- Prepare information regarding design, structure specifications, materials, color, equipment, estimated costs, or construction time.
- Consult with clients to determine functional or spatial requirements of structures.
- Meet with clients to review or discuss architectural drawings.
- Monitor the work of specialists, such as electrical engineers, mechanical engineers, interior designers, or sound specialists to ensure optimal form or function of designs or final structures.
- Integrate engineering elements into unified architectural designs.
- Plan layouts of structural architectural projects.
- Conduct periodic on-site observations of construction work to monitor compliance with plans.
- Prepare contract documents for building contractors.
- Plan or design structures such as residences, office buildings, theatres, factories, or other structural properties in accordance with environmental, safety, or other regulations.
- Direct activities of technicians engaged in preparing drawings or specification documents.
- Administer construction contracts.
- Create three-dimensional or interactive representations of designs, using computer-assisted design software.
- Represent clients in obtaining bids or awarding construction contracts.
- Develop marketing materials, proposals, or presentations to generate new work opportunities.
- Perform predesign services, such as feasibility or environmental impact studies.
- Design structures that incorporate environmentally friendly building practices or concepts, such as Leadership in Energy and Environmental Design (LEED) standards.
- Design or plan construction of green building projects to minimize adverse environmental impact or conserve energy.
- Gather information related to projects' environmental sustainability or operational efficiency.

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Source: <https://www.bls.gov/ooh/architecture-and-engineering/architects.htm>