Chief Engineer

Job Description
A Chief Engineer serves as the senior officer of the engineering team. They oversee all of the engineers, procedures and projects in their department to ensure quality deliverables. Chief engineers work in a wide range of fields, overseeing the engineering and technicians as they develop designs, approximate costs, and execute their plans with highly technical skills and in accordance with regulatory standards.

Core Tasks
- Develop projects with the design team, considering budget and client needs
- Approve and plan budgets of each project and adjusting where necessary
- Point of contact between the engineering team and the client/executives
- Coordinate the engineering team, managing their goals and wellbeing
- Oversee the training of new employees

Workplace / Environment
- Work hours
  Approx. 40 hours/week
  (At key milestones overtime work may be required to meet deadlines)
- Environment
  Office and Construction Sites are most common locations
  Construction Sites Can Be Hazardous and subject to weather conditions
- Travel
  Between Sites and Offices can be expected, but international is rare

Education / Prerequisites
Education Level
Bachelor's degree in Engineering or similar fields (Graduate degree for specialty positions)

Licensing
Varies by state but always required
(Extra licensing required for specialty positions)

Pre-Job Preparation
Advanced courses in STEM, and intern experience are extremely helpful
High School: ACE
College: Engineers Without Borders

Experience
Soft skills
- Collaboration
- Leadership
- Communication

Technical skills
- Knowledge of engineering principles
- Engineering design software (CAD, etc.)
- Report writing

Salary
Entry – $40,000
Middle – $100,000
Top – $160,000