



# Rey Burdine

## GEOTECHNICAL ENGINEER

+1 234 567 89 10

reyburdine

Kingsport, TN

### SKILLS

Geotechnical Engineering	Expert
Soil Mechanics	Expert
Rock Mechanics	Expert
Foundation Design	Expert
Slope Stability Analysis	Expert
Geotechnical Site Investigation	Expert
Ground Improvement Techniques	Expert
Seismic Analysis	Expert

### LANGUAGES

- Spanish (B1)

## PROFESSIONAL SUMMARY

Motivated and detail-oriented geotechnical engineer with expertise in soil mechanics, foundation design, and site investigation. Experienced in managing geotechnical projects from conception to completion, ensuring compliance with industry standards and specifications.

## EXPERIENCE

2021 - Now

### Geotechnical Engineer

Kingsport Geotechnical Associates / Kingsport, TN

- Lead geotechnical engineer for a variety of projects, including residential and commercial developments, transportation infrastructure, and environmental remediation projects.
- Conduct thorough geotechnical investigations, including soil borings, laboratory testing, and groundwater analysis.
- Perform comprehensive slope stability analyses, bearing capacity calculations, and settlement predictions using industry-standard geotechnical software such as PLAXIS and GeoStudio.

2019 - 2021

### Junior Geotechnical Engineer

Smith Engineering Consultants / Knoxville, TN

- Assisted senior engineers in conducting field investigations and laboratory testing to characterize soil properties and determine geotechnical parameters for various projects.
- Prepared comprehensive geotechnical reports, including boring logs, laboratory test results, and engineering analyses, to support foundation design and construction activities.
- Conducted settlement monitoring and slope stability assessments during construction phases, providing recommendations to mitigate risks and ensure project safety.

## EDUCATION

2019 - 2021

### Master of Science in Geotechnical Engineering

University of Tennessee / Knoxville, TN

2015 - 2019

### Bachelor of Science in Civil Engineering

University of Tennessee / Knoxville, TN