

# Priya Nair

## Exploration Geologist – Petro Geo Consult

Email: priya.nair@petrogeoconsult.com | Houston, TX

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### PROFESSIONAL SUMMARY

Exploration geologist with 8 years of prospect generation, seismic interpretation, and basin modelling focused on the Gulf of Mexico, Midcontinent, and Appalachian Basin. Specialises in play fairway analysis, lead maturation, and resource estimation, producing CPR-compliant reports for investors and operators. Member of AAPG and the Society of Exploration Geophysicists (SEG).

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### PROFESSIONAL EXPERIENCE

#### Exploration Geologist 2022 – Present

*Petro Geo Consult · Englewood, CO*

- Lead prospect generation and play fairway analysis for client exploration programmes in the Gulf of Mexico shelf, SCOOP/STACK, and Appalachian Basin.
- Deliver CPR-compliant resource reports (SPE-PRMS) for investors, lenders, and regulatory submissions.
- Integrate 3D seismic interpretation, biostratigraphy, geochemistry, and analogue data into risked resource estimates.
- Support geosteering team with pre-drill geological models and stratigraphic frameworks for horizontal well targeting.

#### Exploration Geologist 2016 – 2022

*Stone Energy Corporation · Lafayette, LA*

- Generated prospects and leads in the Gulf of Mexico shallow shelf (Miocene/Pliocene) and deepwater (Paleogene Wilcox).
- Conducted play fairway mapping, lead maturation, and risking using IHS Kingdom and Petrel for 3D seismic interpretation.
- Prepared annual exploration inventory for management review; managed prospect database (TrapTester).
- Collaborated with reservoir engineers on volumetric calculations and reserve estimates for booking purposes.

#### Junior Exploration Geologist 2016 – 2017

*W&T; Offshore · Houston, TX*

- Assisted with prospect identification and well planning in the Gulf of Mexico central shelf.
- Conducted well log correlations and structure mapping using Kingdom Suite.

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### EDUCATION

#### M.S. Earth Sciences 2014 – 2016

*Rice University · Houston, TX*

Thesis: Sequence stratigraphic controls on reservoir quality in deepwater Gulf of Mexico Wilcox sands.

#### B.S. Geology 2010 – 2014

*University of Houston · Houston, TX*

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### TECHNICAL SKILLS

<b>Seismic Interpretation:</b>	Petrel, Kingdom Suite, OpendTect, Paradigm SKUA-GOCAD
<b>Basin Modelling:</b>	PetroMod, Temis
<b>Resource Estimation:</b>	TrapTester, Monte Carlo volumetrics, SPE-PRMS / SEC reporting
<b>Basin Experience:</b>	Gulf of Mexico (shelf/deepwater), Midcontinent (SCOOP/STACK), Appalachian Basin

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### PROFESSIONAL AFFILIATIONS

- American Association of Petroleum Geologists (AAPG) – Member
- Society of Exploration Geophysicists (SEG) – Member
- Gulf Coast Association of Geological Societies (GCAGS) – Member

