

Accomplished Principal Geomodeller and Senior Geoscientist with over eighteen years of extensive experience in geomodelling consultancy and providing specialized services and support in the Petroleum industry within both conventional and unconventional oil and gas fields. Polished professional classed as an expert geomodeller, skilled in advanced 3D Geological Modelling and highly proficient in Petrel, Schlumberger's industry standard static geomodelling software.

Extensive experience as a Principal Geomodeller within subsurface teams, with superior qualifications in technical project management. High-level reputation among clientele in Australia and South-East Asia, comfortable working in any culture and environment. Effective communicator capable of motivating and mentoring teams to success.

Areas of Expertise include:

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|---------------------------------------|--------------------------------------|----------------------------|
| ✓ 3D Geological Modelling | ✓ Complex Geomodelling Techniques | ✓ Technical Report Writing |
| ✓ Multidisciplinary Reservoir Studies | ✓ Reservoir / Development Geology | ✓ Reservoir Optimization |
| ✓ Reservoir Volumetric Calculation | ✓ Quality Assurance, Quality Control | ✓ Uncertainty Analysis |

KEY BUSINESS EXPERTISE: Client Relations and Business Development, Extensive International Experience, Project Proposal and Tendering Processes, Budget Control, Management Reporting, Technical Project Report Documentation, Presentations and Demonstrations, and Training and Mentoring in Geomodelling.

INFORMATION TECHNOLOGY EXPERTISE: Petrel Software, Roxar Irap RMS Software, SMT Kingdom, Geostatistics, UNIX, Landmark (Openworks, Stratworks, Petroworks), REP Probabilistic Volumetrics, Basin Modelling with Trinity and Genesis, Database Organisation and Management, Technical Report Writing in MS Office, Open Office, Open Source.

PROFESSIONAL EXPERIENCE

Blackrock Modelling Pty Ltd. • Perth, Australia • 2010 - Present

**DIRECTOR / OWNER
GEOLOGIST**

Offering geomodelling consultancy, providing specialized services and support throughout the Australia and SE Asia region, as well as internationally. Provider of advanced 3D Geological Modelling (Petrel) services and solutions as a Reservoir and Development Geologist, Production Geologist, and Senior Geoscientist.

KEY ACCOMPLISHMENTS:

- Serve as integral part of the interdisciplinary reservoir study teams as a Principal Geomodeller.
- Ensure that geology and well data is accurately represented in the static 3D geomodel through development of technically sound modelling methodologies and workflows, targeted to the specific field and setting.
- Leverage the flexibility of current modelling software to ensure robust models that are comprehensively constructed and technically defensible with close attention to detail.
- Deliver significant cost savings and value to the client, mastering the tendering process to accurately define project scope of work and associated timelines.
- Deliver projects on time and within budget, retaining repeat business from clientele across all companies contracted through a superior level of technical expertise, with responsibility for all proposal and tender documents, and project management responsibilities.
- Establish a large network of associates and affiliates, working for several regional and international companies, from small operators to multi-national corporations.
- Increase business through new business development and client relations.
- Serve as Senior Associate to Modelling Matters, RPS Energy (SG), and Senergy.
- Provide geomodelling training and mentoring to junior staff within the industry.
- Successfully completed over 20 integrated large-scale projects locally in Australia and internationally and completed over 80 separate geological models. Specific details are available at www.brmltd.com.au.

RPS Energy • Perth, Australia • 2005 - 2010

SENIOR GEOMODELLER – SENIOR GEOSCIENTIST

Served as Senior Geomodeller and Senior Geoscientist, responsible for advanced 3D geological modelling (Petrel) for log and seismic based geological studies.

KEY ACCOMPLISHMENTS:

- Established and updated 3D geological models through analysis, interpretation, and integration.
- Executed reserves auditing, field development plans, competent persons reports, basin studies, and prospectivity reports.
- Delivered a high level of data management and comprehensive technical and methodology reporting of geological modelling projects.
- Executed project management, quality control, quality assurance, and new business development.
- Served as client liaison and reported to higher levels of management.

Troy-Ikoda • Perth, Australia • 2000 - 2005

PROJECT GEOSCIENTIST

Responsible for 2D geological mapping in Petrosys, entry-level well log analysis, and well log correlation up to regional stratigraphic cross sections.

KEY ACCOMPLISHMENTS:

- Performed basic structural geology, stratigraphy, and basin studies client work as a geoscientist.
- Introduction to 3D geological modelling (Petrel), and initial work based within subsurface team.
- Executed new business development and served as client liaison.
- Provided IT support and served as Health and Safety Officer, including Chief Fire Warden Duties.

EDUCATION

Bachelor of Applied Science, AppSc.
Major in Geology
FEDERATION UNIVERSITY AUSTRALIA

PROFESSIONAL TRAINING

Petrel Introduction Course – Schlumberger
Structural Modelling Course – Schlumberger
Property Modelling and Data Analysis Course – Schlumberger
Workflow Editor and Uncertainty Analysis Course – Schlumberger
Advanced Structural Analysis and Modelling – Schlumberger
Reservoir Engineering Course – Schlumberger
Introduction to Irap RMS Course – Roxar
Risk Analysis, Prospect Evaluation and Exploration Economics - Jim Gouveia and Raymond Young –
ROSE & ASSOCIATE, USA
Introduction to Geodesy and Projection Systems – RPS Energy, UK
Project Management Courses – PRINCE2 Foundation and Practitioner, PMP - The Knowledge Academy (TKA)

AFFILIATIONS

Active Member of Petroleum Exploration Society of Australia [PESA]
Active Member of American Association of Petroleum Geologists [AAPG]
Active Member of South East Asia Petroleum Exploration Society [SEAPEX]
Active Member of Society of Petroleum Engineers [SPE]
Active Member of Young Petroleum Professionals [YPP]