



**FALCON®**  
MULTI SERVICES LTD

**Falcon Multi Services Ltd**

201, Creado, Juhu Chruch Road, Juhu Mumbai 400049

## Personal Information

<b>Candidate id</b>	9346
<b>Name</b>	Rajat Pathania
<b>Date of Birth</b>	1994-12-19
<b>Salary (in USD)</b>	2600/Per Month
<b>Industry</b>	Engineering & Science
<b>Sub Industry</b>	Reservoir Engineer
<b>Nationality</b>	India
<b>Primary Language</b>	English, Hindi,
<b>Secondary Language</b>	English, Hindi,
<b>Total Years of Experience</b>	5

## Additional Information

<b>Roles and Responsibilities</b>	<b>Additional Skills/Certification</b>
-----------------------------------	--

Preparation of Geological Face logs & Cross passages of tunnel with RESS (Required Excavation & Support System). • 3D Geological Map (Main Tunnel & Escape Tunnel), 2D Geological Cross section- Vertical longitudinal profile along the center line of the tunnel. • Overbreak report in underground excavations with proper documentation. • Rock Mass Classification as per NATM/ONORM specification in relation to Ground type and Behavior type. • Probe holes to know the geology ahead of the tunnel face. • MPBX (Multi-Point Borehole Extensometers), Load cell and Bi-reflex targets installation are extensively used for the measurement of deformation During Tunneling and During sub way construction. • Preparation of Drilling Pattern using iSURE (Software Provided by Sandvik 922i and Dt 820). • To change the design and drawing of tunnel as per the actual site condition consultation • To calculate the Rock mass Rating (RMR) and Interpret Rock Class. • Treatment and rock mass support using Shotcrete, Rock Bolting, Lattice girders, Steel ribs, Fore poling etc. • Seismic Vibration monitoring during blasting and optimizing Overbreak control.

AutoCAD & Drill Plan  
iSURE®: Intelligent  
Sandvik Underground  
Excavation Software. ?  
Basic knowledge of Slide  
and Dips Software.

## Education Summary

Course	University	Passing Year	Country
Bsc Geology	HPU Summer Hill Shimla	2016	India
Msc Geology	HPU Summer Hill Shimla	2019	India

## Career Summary

Position	Employer	Country	From	To
Supervisor Geologist	Tumas Engineering Consultant Pvt ltd	India	04/2023	04/2026

[To View Contact Number, Kindly drop an email to hr6@falconmsl.com](mailto:hr6@falconmsl.com)