

Field	Description
Introduction	<p>This sequence diagram illustrates the backend logic for storing a new job posting. It details the API interaction and database insertion process.</p>
Objectives	<p>1. To map the POST /api/jobs request payload structure.</p> <p>2. To visualize the server-side validation and sanitization of job data.</p> <p>3. To confirm the database insertion and the return of the created Job ID.</p>
Functional Requirements	<p>1. The Frontend sends a JSON object with job details.</p> <p>2. The Backend validates the user's session (must be a Client).</p> <p>3. The Database inserts a new record into the Jobs table with status "Open."</p>
Non-Functional Requirements	<p>Performance: Job posting should be instantaneous.</p> <p>Availability: The posting service must handle high traffic during peak hours.</p>