**Overall Software Stack**

|  |  |
| --- | --- |
| **Type** | **Version** |
| IDE | 1.103.2 (Universal) |
| Node | v22.12.0 |
| Java | 21 |
| Spring Boot | 3.5.3 |
| Redis | redis:latest |

**Frontend Service (Dependencies)**

|  |  |
| --- | --- |
| **Package** | **Version** |
| react | ^19.1.0 |
| react-dom | ^19.1.0 |
| @tailwindcss/vite | ^4.1.11 |

**Frontend Service (Dev Dependencies)**

|  |  |
| --- | --- |
| **Package** | **Version** |
| @eslint/js | ^9.30.1 |
| @types/react | ^19.1.8 |
| @types/react-dom | ^19.1.6 |
| @vitejs/plugin-react | ^4.6.0 |
| autoprefixer | ^10.4.21 |
| eslint | ^9.30.1 |
| eslint-plugin-react-hooks | ^5.2.0 |
| eslint-plugin-react-refresh | ^0.4.20 |
| globals | ^16.3.0 |
| postcss | ^8.5.6 |
| tailwindcss | ^4.1.11 |
| vite | ^7.0.4 |

**Matchmaking Service (Dependencies)**

|  |  |
| --- | --- |
| **Package** | **Version** |
| org.springframework.boot:spring-boot-starter-data-redis | (Inherited: 3.5.3) |
| org.springframework.boot:spring-boot-starter-web | (Inherited: 3.5.3) |
| org.springframework.boot:spring-boot-starter-websocket | (Inherited: 3.5.3) |
| org.projectlombok:lombok | (Inherited) |
| org.springframework.boot:spring-boot-starter-test | (Inherited: 3.5.3) |

**Gameplay Service (Dependencies)**

|  |  |
| --- | --- |
| **Package** | **Version** |
| org.springframework.boot:spring-boot-starter-data-redis | (Inherited: 3.5.3) |
| org.springframework.boot:spring-boot-starter-web | (Inherited: 3.5.3) |
| org.springframework.boot:spring-boot-starter-websocket | (Inherited: 3.5.3) |
| org.projectlombok:lombok | (Inherited) |
| org.springframework.boot:spring-boot-starter-test | (Inherited: 3.5.3) |

**Note for Maven (Java) Dependencies:** The specific version for each Spring Boot starter is not defined in the POM but is inherited from the parent project (spring-boot-starter-parent:3.5.3). The actual version of each transitive dependency (e.g., Spring Framework, Spring Data Redis) is managed by that parent POM.