

Interview Experience Tracker

Database Using MongoDB

Open MongoDB :

```
Microsoft Windows [Version 10.0.26200.7462]
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C:\Users\Mani>mongosh
Current Mongosh Log ID: 693d7e5ba9229ce1741e2620
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=
2000&appName=mongosh+2.5.10
Using MongoDB:      8.2.2
Using Mongosh:      2.5.10

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

-----
  The server generated these startup warnings when booting
  2025-12-11T14:30:07.579+05:30: Access control is not enabled for the database. Read and write a
ccess to data and configuration is unrestricted
-----

test> |
```

Create Database:

```
test> use interviewDB
switched to db interviewDB
interviewDB> |
```

Create Collections:

```
interviewDB> db.interviews.insertOne({Company:"Zoho"})
{
  acknowledged: true,
  insertedId: ObjectId('693d83afa9229ce1741e2622')
}
interviewDB> |
```

Insert Proper One:

```
interviewDB> db.interviews.insertOne({company:"Zoho",role:"Frontend Developer",reason:"Low JavaScript Knowledge",roundCleared:2,retry:true})
{
  acknowledged: true,
  insertedId: ObjectId('693d8567a9229ce1741e2623')
}
interviewDB> |
```

Use pretty() Read Queries:

```
interviewDB> db.interviews.find().pretty()
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  }
]
interviewDB> |
```

InsertMany:

```
interviewDB> db.interviews.insertMany([
  {company:"TCS",role:"MERN Stack Developer",reason:"Weak DSA/Logic Building",roundCleared:2,retry:true},
  {company:"Infosys",role:"Backend Developer",reason:"Poor React Fundamentals",roundCleared:3,retry:false},
  {company:"Wipro",role:"Fullstack Developer",reason:"Lack of Project Explanation",roundCleared:3,retry:true},
  {company:"Congizent",role:"React Developer",reason:"Communication Issues",roundCleared:1,retry:true},
  {company:"Accenture",role:"Node.js Developer",reason:"Low Problem-Solving Speed",roundCleared:2,retry:false},
  {company:"HCL Technologies",role:"UI/UX Developer",reason:"Incomplete Backend Knowledge",roundCleared:3,retry:true}
])
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('693d8a7aa9229ce1741e2625'),
    '1': ObjectId('693d8a7aa9229ce1741e2626'),
    '2': ObjectId('693d8a7aa9229ce1741e2627'),
    '3': ObjectId('693d8a7aa9229ce1741e2628'),
    '4': ObjectId('693d8a7aa9229ce1741e2629'),
    '5': ObjectId('693d8a7aa9229ce1741e262a')
  }
}
```

Use pretty() queries:

```
interviewDB> db.interviews.find().pretty()
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d86daa9229ce1741e2624') },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2625'),
    company: 'TCS',
    role: 'MERN Stack Developer',
    reason: 'Weak DSA/Logic Building',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2626'),
    company: 'Infosys',
    role: 'Backend Developer',
    reason: 'Poor React Fundamentals',
    roundCleared: 3,
    retry: false
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2627'),
    company: 'Wipro',
    role: 'Fullstack Developer',
    reason: 'Lack of Project Explanation',
    roundCleared: 3,
    retry: true
  },
]
```

Find() All data:

```

interviewDB> db.interviews.find()
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d86daa9229ce1741e2624') },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2625'),
    company: 'TCS',
    role: 'MERN Stack Developer',
    reason: 'Weak DSA/Logic Building',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2626'),
    company: 'Infosys',
    role: 'Backend Developer',
    reason: 'Poor React Fundamentals',
    roundCleared: 3,
    retry: false
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2627'),
    company: 'Wipro',
    role: 'Fullstack Developer',
    reason: 'Lack of Project Explanation',
    roundCleared: 3,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2628'),
    company: 'Congizent',
    role: 'React Developer',
    reason: 'Communication Issues',
    roundCleared: 1,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2629'),
    company: 'Accenture',
    role: 'Node.js Developer',
    reason: 'Low Problem-Solving Speed',
    roundCleared: 2,
    retry: false
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e262a'),
    company: 'HCL Technoligies',
    role: 'UI/UX Developer',
    reason: 'Incomplete Backend Knowledge',
  }
]

```

```

    },
    {
      _id: ObjectId('693d8a7aa9229ce1741e2627'),
      company: 'Wipro',
      role: 'Fullstack Developer',
      reason: 'Lack of Project Explanation',
      roundCleared: 3,
      retry: true
    },
    {
      _id: ObjectId('693d8a7aa9229ce1741e2628'),
      company: 'Congizent',
      role: 'React Developer',
      reason: 'Communication Issues',
      roundCleared: 1,
      retry: true
    },
    {
      _id: ObjectId('693d8a7aa9229ce1741e2629'),
      company: 'Accenture',
      role: 'Node.js Developer',
      reason: 'Low Problem-Solving Speed',
      roundCleared: 2,
      retry: false
    },
    {
      _id: ObjectId('693d8a7aa9229ce1741e262a'),
      company: 'HCL Technoligies',
      role: 'UI/UX Developer',
      reason: 'Incomplete Backend Knowledge',
      roundCleared: 3,
      retry: true
    }
  ]
}

interviewDB> |

```

Fillter One Data:

```

interviewDB> db.interviews.find({reason:"Low JavaScript Knowledge"})
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  }
]

```

Use Query Operator(\$gt):

```

interviewDB> db.interviews.find({roundCleared:{$gt:2}})
[
  {
    _id: ObjectId('693d8a7aa9229ce1741e2626'),
    company: 'Infosys',
    role: 'Backend Developer',
    reason: 'Poor React Fundamentals',
    roundCleared: 3,
    retry: false
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2627'),
    company: 'Wipro',
    role: 'Fullstack Developer',
    reason: 'Lack of Project Explanation',
    roundCleared: 3,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e262a'),
    company: 'HCL Technologies',
    role: 'UI/UX Developer',
    reason: 'Incomplete Backend Knowledge',
    roundCleared: 3,
    retry: true
  }
]

```

Use Query Operator(\$lt):

```

interviewDB> db.interviews.find({roundCleared:{$lt:2}})
[
  {
    _id: ObjectId('693d8a7aa9229ce1741e2628'),
    company: 'Congizent',
    role: 'React Developer',
    reason: 'Communication Issues',
    roundCleared: 1,
    retry: true
  }
]

```

UpdateOne() Data:

```
interviewDB> db.interviews.updateOne({company:"Zoho"},{$set:{retry:"false"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

```
{
  _id: ObjectId('693d8567a9229ce1741e2623'),
  company: 'Zoho',
  role: 'Frontend Developer',
  reason: 'Low JavaScript Knowledge',
  roundCleared: 2,
  retry: 'false'
},
```

UpdateMany() Data:

```
interviewDB> db.interviews.updateMany({retry:false},{$set:{retry:true}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 2,
  modifiedCount: 2,
  upsertedCount: 0
}
interviewDB> |
```

DeleteOne() Data :

```
interviewDB> db.interviews.deleteOne({company:"TCS"})
{ acknowledged: true, deletedCount: 1 }
interviewDB> |
```

DeleteMany():

```
interviewDB> db.interviews.deleteMany({company:"Infosys"},{company:"Zoho"})
{ acknowledged: true, deletedCount: 1 }
interviewDB> |
```

Use \$exists Operator:

```
interviewDB> db.interviews.find({reason:{$exists:true}})
[
  {
    _id: ObjectId('693d8567a9229ce1741e2623'),
    company: 'Zoho',
    role: 'Frontend Developer',
    reason: 'Low JavaScript Knowledge',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2627'),
    company: 'Wipro',
    role: 'Fullstack Developer',
    reason: 'Lack of Project Explanation',
    roundCleared: 3,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2628'),
    company: 'Congizent',
    role: 'React Developer',
    reason: 'Communication Issues',
    roundCleared: 1,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e2629'),
    company: 'Accenture',
    role: 'Node.js Developer',
    reason: 'Low Problem-Solving Speed',
    roundCleared: 2,
    retry: true
  },
  {
    _id: ObjectId('693d8a7aa9229ce1741e262a'),
    company: 'HCL Technologigies',
    role: 'UI/UX Developer',
    reason: 'Incomplete Backend Knowledge',
    roundCleared: 3,
    retry: true
  }
]
```