



Monthly Takeaways

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Agenda

- Introduction
- Project Details
- Description of Core Work
- Software and Applications used
- Challenges Faced
- Takeaways and Learnings

About me and my Team

Me	My Team	Cruise RMS
<ul style="list-style-type: none">• Part of the Cruise RMS team.• Currently undergoing an Angular Training• I intend to also work in making the UI as soon as we finish training.	<ul style="list-style-type: none">• My team consists of Arun Pratap Singh, Harekishan Shivnani, Sunanda DuttaSen, Rajendra Mulgali and Omkar Chogale• My Mentor and manager is Mr. Harekishan Shivnani.	<ul style="list-style-type: none">• We are developing a new Product for IDEaS• It involves Forecasting revenue for Cruise Companies.

Cruise RMS

Backend

- File Processing
- Java Spring

Database

- Postgres Docker Containers
- Relational

Frontend

- Angular
- Design process ongoing in Figma

Core Work Ongoing



Demo Project

Started with making a demo project to get a hands-on about our tech stack



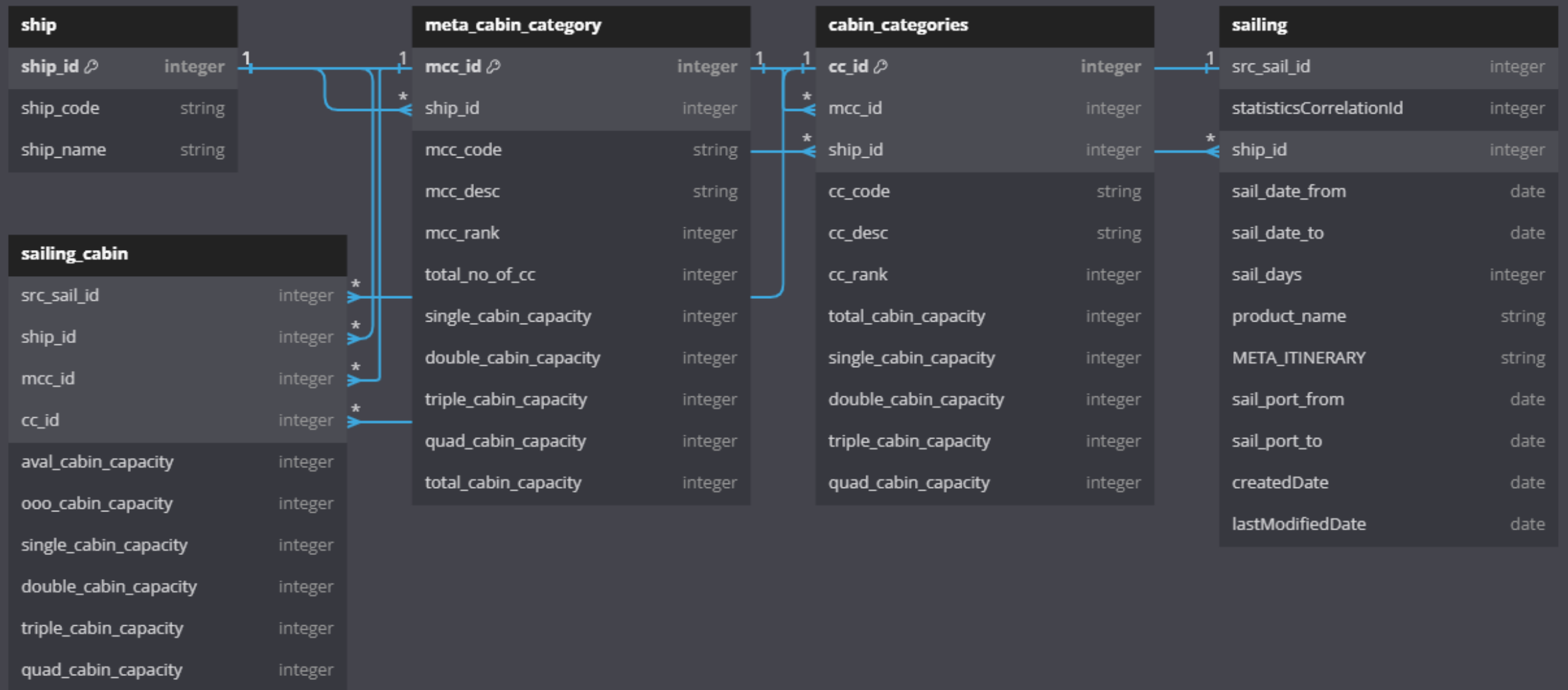
Processing Files

Process Input files given by client.



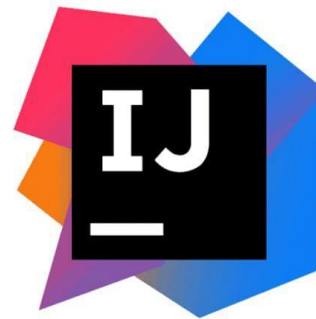
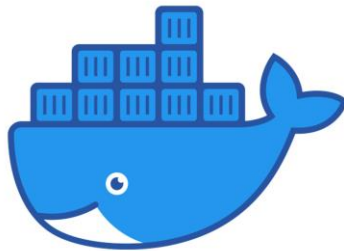
Designing Schema

Working with my team to design the schema, and learning in depth about it in the process.



Currently Designed Schema for 2 Files

Work in progress (2 weeks)



Software and Applications Used



Challenges Faced



Database Errors and Normalization



Test cases Failing



Non Familiarity with Spring

Technical Learnings

1. Better code style and technique.
2. Farsightedness with regards to code, what it will go through, and how to make it robust.
3. It takes time to design, and its often worth spending that time in the beginning than to regret spending it later, and spend time fixing it instead.
4. Writing good code that doesn't work is harder than writing bad code that works, and it is this that makes personal projects easier in comparison to enterprise applications, despite achieving the same result at small scale.

Personal Learnings

1. It is often better to focus on learning something well in the beginning rather than to focus on finishing something hastily.
2. It is in fact true that we don't even know how much is unknown to us, and available to learn.
3. It is better to listen and observe, than to intervene and speak, unless prompted to.

The background is a dark blue gradient with faint, hand-drawn mathematical formulas and diagrams. At the top, there is a formula $x \rightarrow 0$. Below it, on the left, is $I = I_0 \sin \omega t$. In the center, there is a vector diagram with a horizontal arrow labeled \vec{j} and a diagonal arrow labeled \vec{i} . On the right side, there is a vertical line with a downward-pointing arrow. At the bottom left, there is a small 'X' mark.

Thank You

Heartfelt gratitude to Mr. Arun Pratap Singh and Mr. Harekishan Shivnani for taking the efforts to make sure I learn, and learn the right thing the right way.

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