

A photograph of a snowy forest at night with the Aurora Borealis (Northern Lights) visible in the sky. The trees are covered in snow and the sky is a mix of dark blue and green, with the aurora appearing as bright, flowing green and white light. The text 'Aurora.me' is centered in the upper half of the image.

# Aurora.me

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# What is aurora.me?

It's your gateway to the magic of the Northern Lights. Our vision is to make aurora hunting simple and accessible. By combining advanced aurora forecasting with a vibrant community of explorers, we transform this bucket-list experience into a well-informed journey that's as memorable as the lights themselves.



# Your Gateway To The Northern Lights

- Personalized aurora predictions based on your location
- A community platform to share and explore aurora photos.
- Turning a bucket-list adventure into a well-informed, unforgettable experience.



# Tools and Methodologies



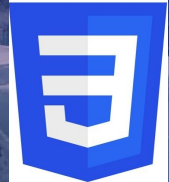
- **Git** - Used for our VCS repo and project tracker. Branching combined with merging and rebasing allowed us to work together smoothly. **5/5**



- **PostgreSQL** - Handled our database and allowed us to store and retrieve our data whenever we needed it. **5/5**

HTML

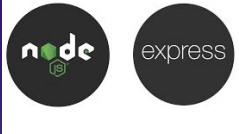
CSS



- **UI** - HTML, CSS, Bootstrap, and Handlebars all made writing our UI easy to understand. **4/5**



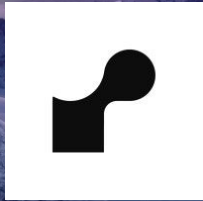
# Tools and Methodologies



- **NodeJS/Express** - Useful for writing routes to deal with user requests and the response back to them from the application. **5/5**



- **Auroras.live** - Provided all the data we needed about auroras to create the experience we wanted. **5/5**

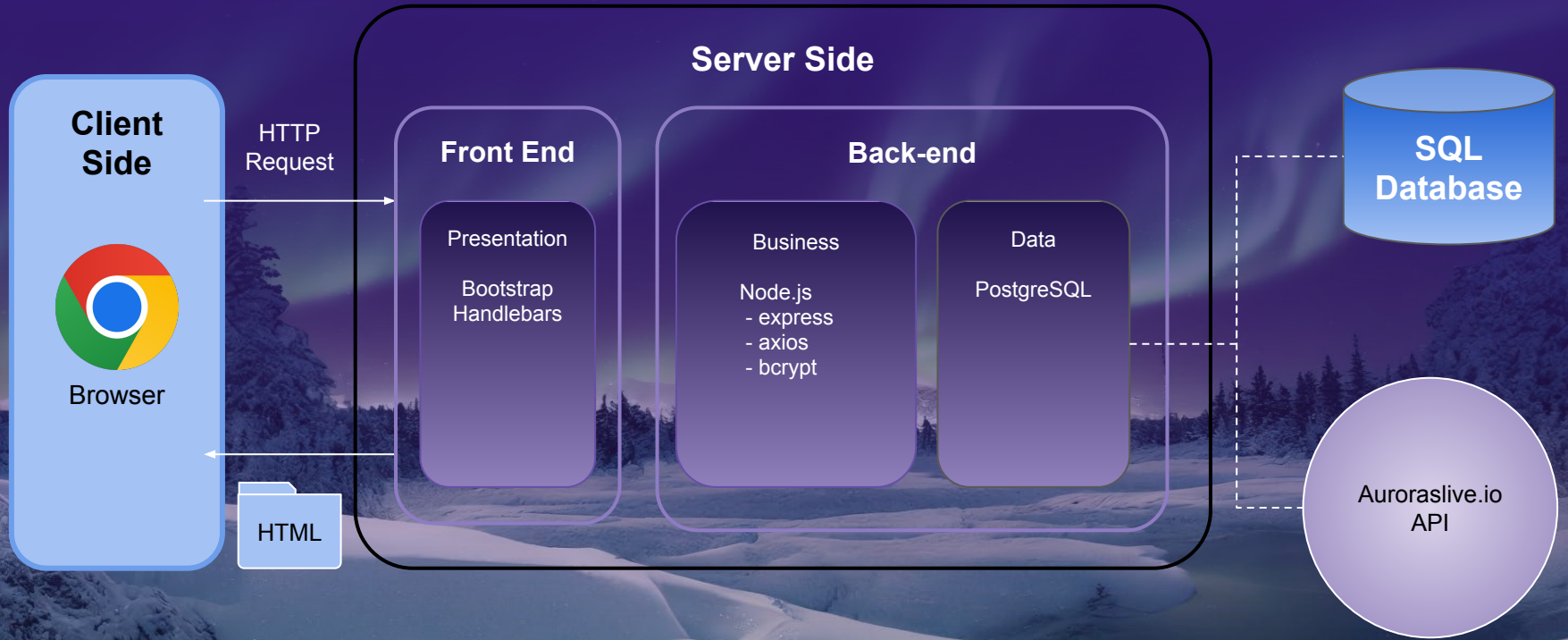


- **Render** - Allowed us to host our website and made it simple to put it on the web. **3/5**



- **Chai** - Useful for writing our test cases and making sure our app wouldn't unexpectedly fail at any point. **5/5**

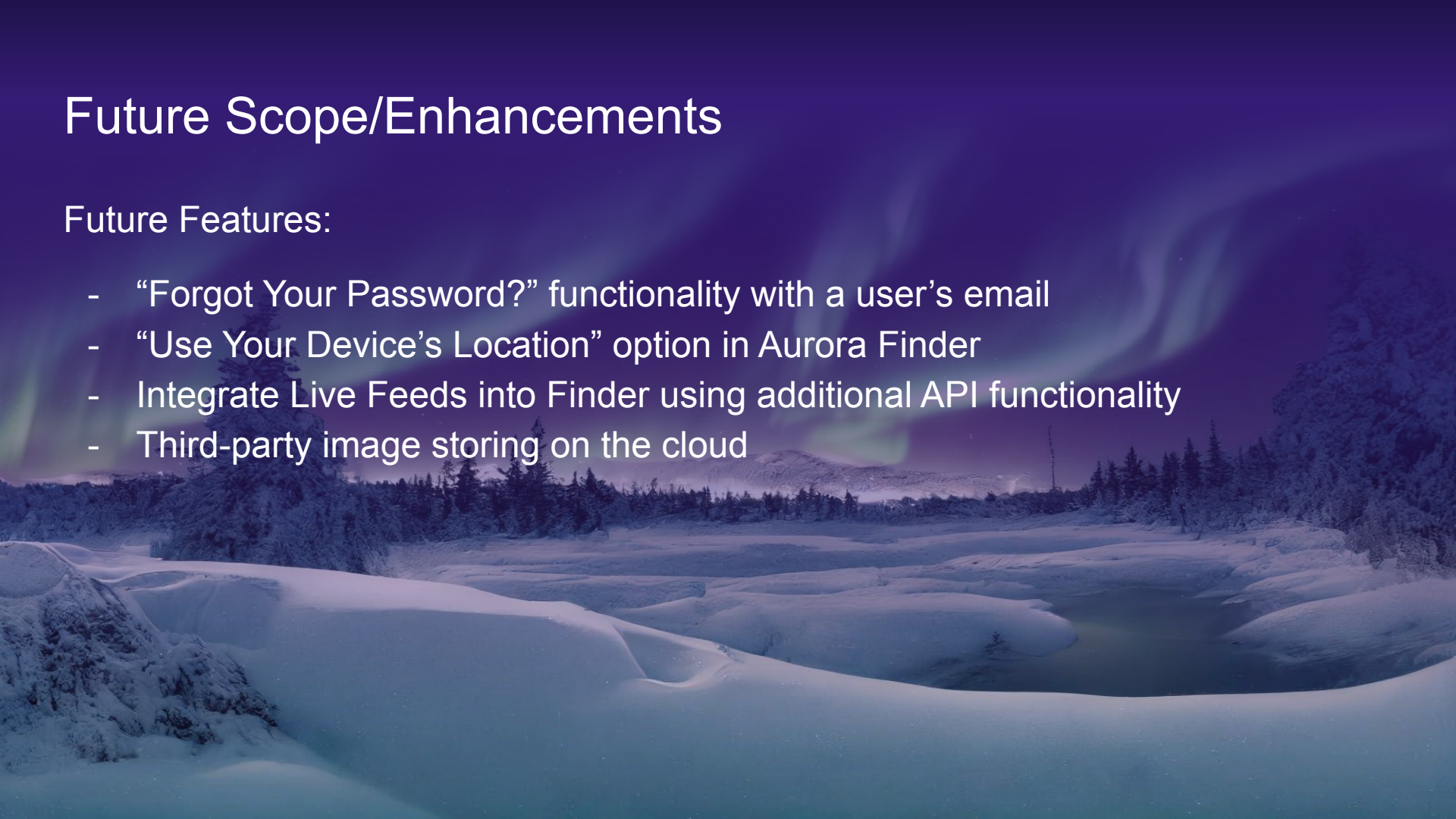




# Future Scope/Enhancements

## Future Features:

- “Forgot Your Password?” functionality with a user’s email
- “Use Your Device’s Location” option in Aurora Finder
- Integrate Live Feeds into Finder using additional API functionality
- Third-party image storing on the cloud



# Overcoming Challenges

## Challenges:

- Making sure everybody felt heard and included
- Figuring out how to store images with 3rd parties
- Learning how to work with branches, git conflicts
- Making proper Node.js Express API calls to the external API

