

15-Days Summer Internship Training Plan –2025 (Virtual Community Support)

Day 1: Introduction to PostgreSQL

- Learn basics of SQL, set up PostgreSQL database, and Database Schema CI platform.
- **Hands-on:** Able to create, insert, Update, Delete and sub-query data in PostgreSQL.

Day 2: Introduction to Angular

- Explore Angular overview, build a basic application, and integrate basic Angular functionalities.
- **Hands-on:** Create a simple Angular application with forms and components.

Day 3: Introduction to .NET

- Introduction to .NET and web API. Understand Swagger.
- Understand N-tier Repository pattern folder structure and Entity Framework (EF).
- **Hands-on:** Familiarize with .NET project structure and EF.

Day 4: .NET with Code First approach, LINQ, and Login Page

- Understanding of LINQ.
- Understanding of Code First Approach.
- **Hands-on:** Build a login API and understand how to write LINQ queries with Code First Approach.

Day 5: Understand Authentication and Authorization

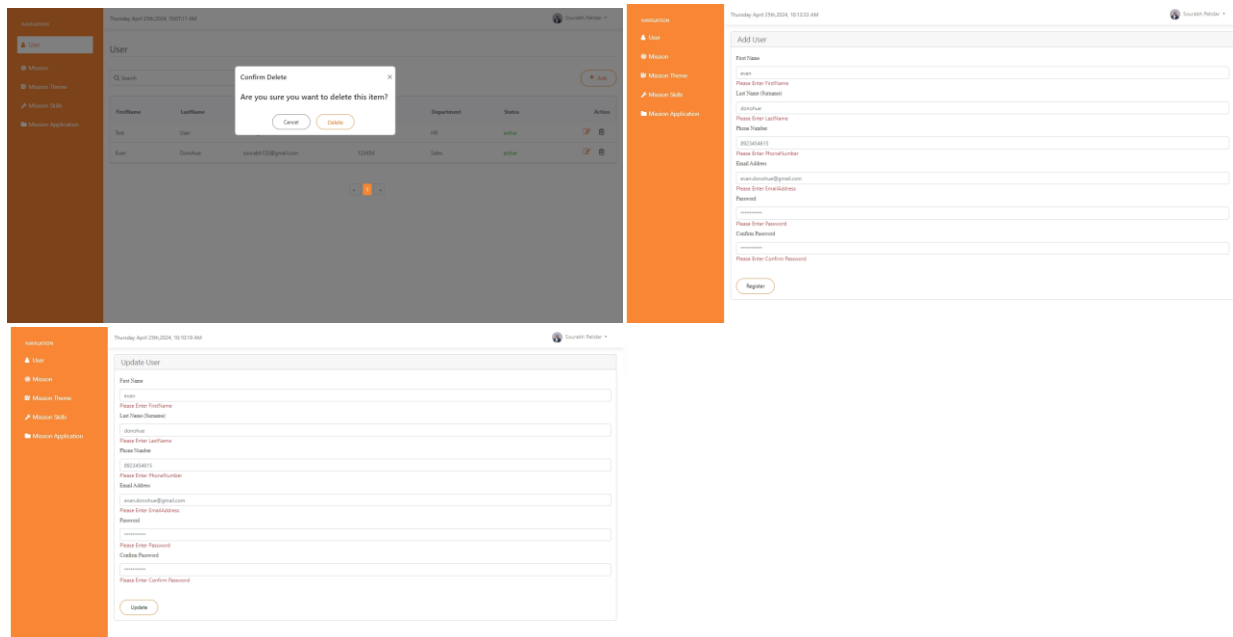
- Explore authentication and authorization concepts and implementation in the project.
- **Hands-on:** Understand and implement project authorization (Virtual Community Support).

Day 6: Role based Authorization (Admin and User roles)

- Hands on authentication concepts, Role-Based Access Control, and Access Control Lists (ACLs).
- **Hands-on:** Login Page. Learned and implemented role-based access control.

Day 7: User Retrieval

- Data retrieval using joins in the LINQ Query, Sorting, filtering and paging
- **Hands-on:** Data retrieval, data filtration, insertion, update, and deletion.



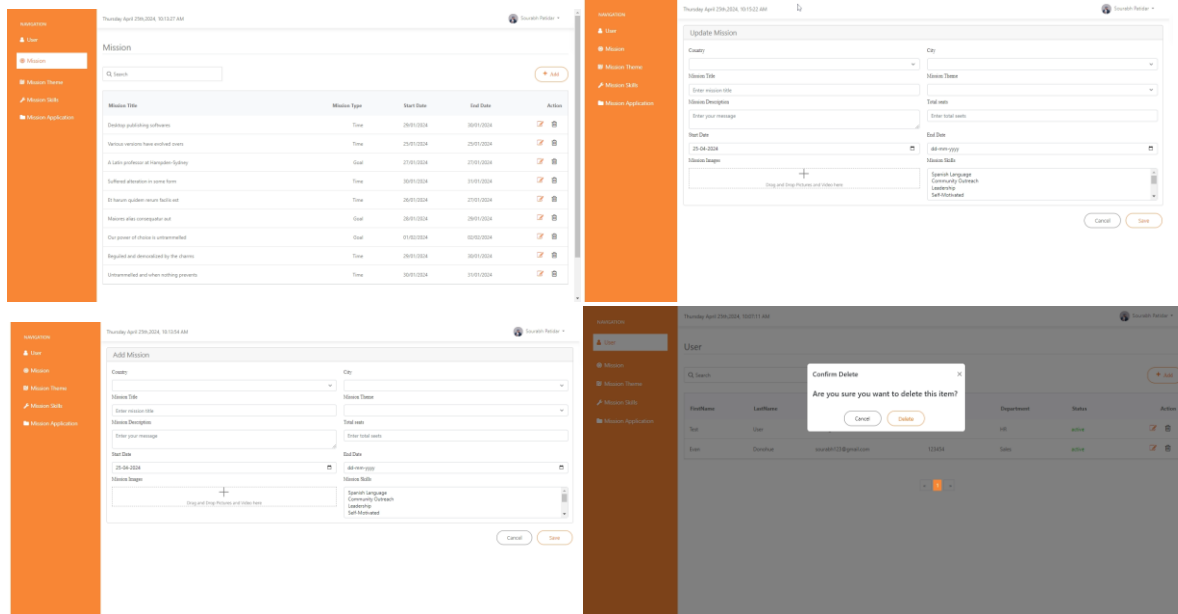
The screenshot displays three overlapping windows from a web application:

- Confirm Delete Dialog:** A small modal window asking "Are you sure you want to delete this item?" with "Cancel" and "Delete" buttons.
- Add User Form:** A form for creating a new user with fields for:
 - First Name
 - Last Name
 - Username
 - Phone Number
 - Email Address
 - Password
 - Confirm Password
 - Registration
- Update User Form:** A form for updating an existing user with fields for:
 - First Name
 - Last Name
 - Username
 - Phone Number
 - Email Address
 - Password
 - Confirm Password
 - Registration

The application has a sidebar menu with options: User, Mission, Mission Items, Mission Skills, and Mission Applications. The main content area shows a table of users with columns: ID, Username, Password, Department, Status, and Action.

Day 8: User CRUD

- Begin CRUD operations on the mission table (Retrieve and Insert).
- Continue CRUD operations on mission records (Update and Delete).
- **Hands-on:** Insertion, update, and deletion

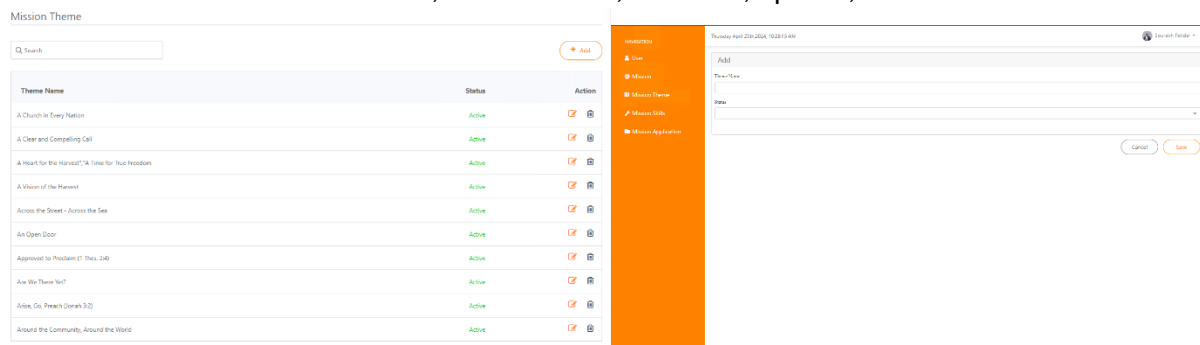


The screenshots show the following interfaces:

- Mission List:** A table with columns: Mission Title, Mission Type, Start Date, End Date, and Action. It lists various missions like "Desktop publishing software" and "Various vendors have installed users".
- Update Mission:** A form with fields for Country, City, Mission Title, Mission Theme, Mission Description, Mission Status, Start Date, End Date, and Mission Image. It includes a "Cancel" button and a "Save" button.
- Add Mission:** A form with fields for Country, City, Mission Title, Mission Theme, Mission Description, Mission Status, Start Date, End Date, and Mission Image. It includes a "Cancel" button and a "Save" button.
- User List:** A table with columns: Username, Password, Email, Status, and Action. It shows a user named "sachin@TatvaSoft.com" with status "Active". A "Confirm Delete" dialog box is overlaid on the table.

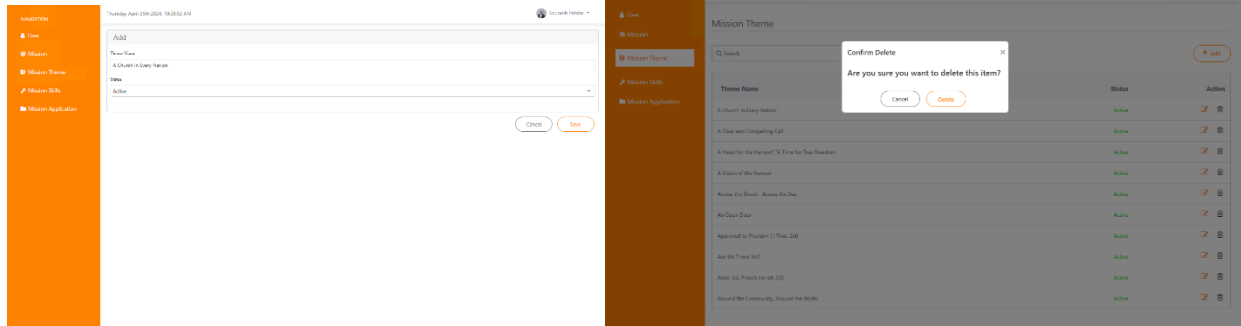
Day 9: Mission CRUD and Theme CRUD

- Begin CRUD operations on the mission theme table (Retrieve and Insert).
- Continue CRUD operations on mission theme records (Update and Delete).
- **Hands-on:** Data retrieval, data filtration, insertion, update, and deletion



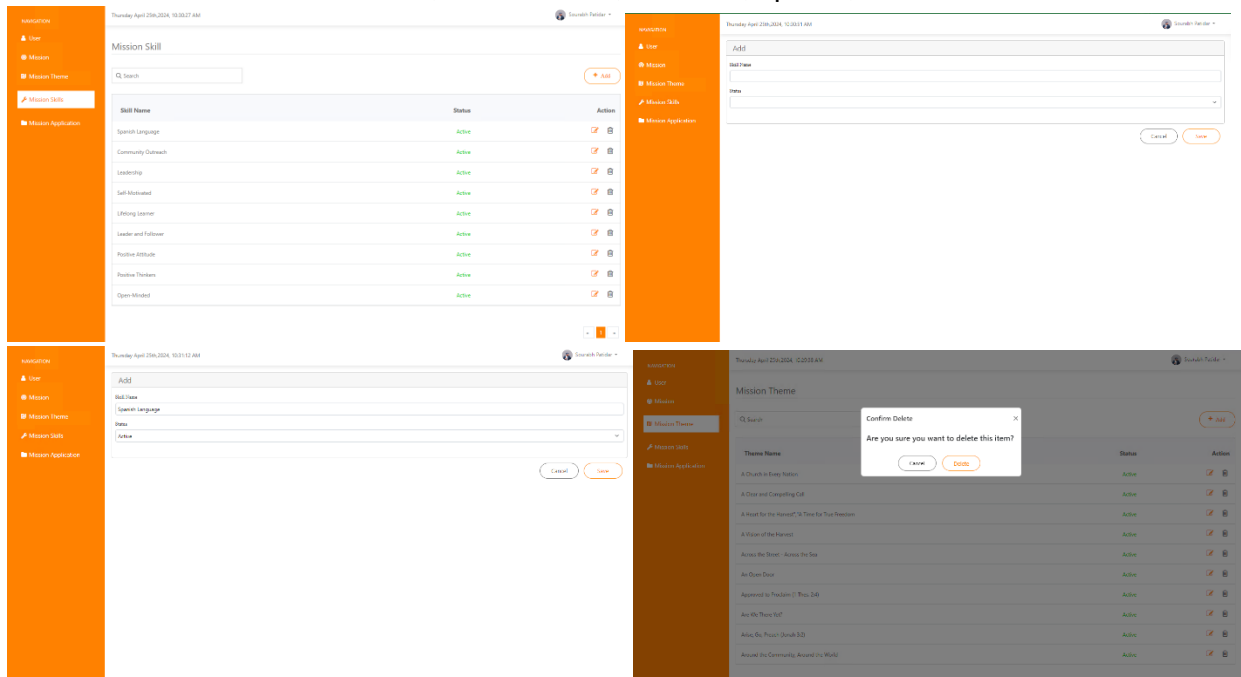
The screenshots show the following interfaces:

- Mission Theme List:** A table with columns: Theme Name, Status, and Action. It lists themes like "A Church in Every Nation", "A Clear and Compelling Call", "A Heart for the Hardest", "A Vision of the Harvest", "Across the Street - Across the Sea", "An Open Door", "Approved to Preach (1 Thess. 2:4)", "Are We There Yet?", "Arise, O, Preach (Jeremiah 3:2)", and "Around the Community, Around the World".
- Add Mission Theme:** A form with fields for Theme Name and Status. It includes a "Cancel" button and a "Save" button.



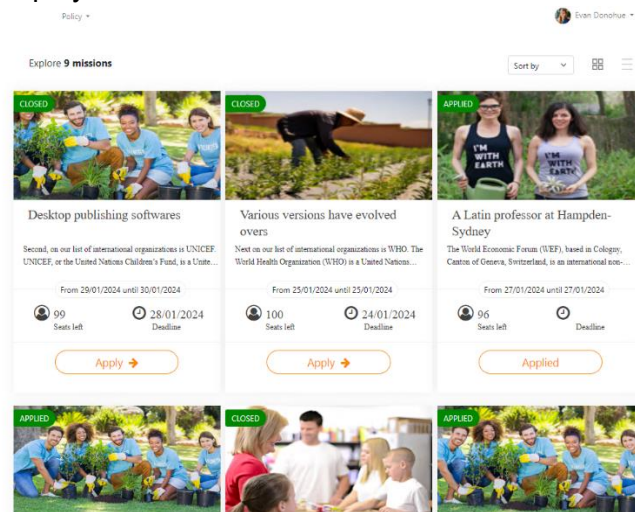
Day 10: Mission Skill CRUD

- Begin CRUD operations on the mission Skill table (Retrieve and Insert).
- Continued CRUD operations on mission Skill records (Update and Delete).
- **Hands-on:** Data retrieval, data filtration, insertion, update, and deletion



Day 11: Mission Listing User Side


- Retrieve and display mission records from the table.
- **Hands-on:** To display mission data on the user side.



Day 12: Mission Apply, Mission Application CRUD (Apply mission List through user)

- Develop an API to facilitate mission applications.
- Complete CRUD operations on mission application records.
- Create search API for mission applications.
- **Hands-on:** Implement a few functionalities to apply for missions.
 Retrieval of applied missions, data filtration, insertion, and deletion.

CLOSED



Various versions have evolved
overs

Next on our list of international organizations is WHO. The World Health Organization (WHO) is a United Nations...


From 25/01/2024 until 25/01/2024

100
Seats left

24/01/2024
Deadline

Apply →

APPLIED



A Latin professor at Hampden-Sydney

The World Economic Forum (WEF), based in Cologne, Canton of Geneva, Switzerland, is an international non-....

From 27/01/2024 until 27/01/2024

96
Seats left

Deadline

Applied

Thursday April 25th 2024, 10:30:26 AM

Navigation

- User
- Mission
- Mission Theme
- Mission Skills
- Mission Application

Mission Application

Q Search

Mission Title	Mission ID	User ID	User Name	Application Date	Status	Action
Regulated and internationalized by the rhemes	0	3	Test User	26/01/2024	Pending	🟢 🔴
Unintentional and often nothing prevents	0	3	Test User	26/01/2024	Pending	🟢 🔴
Desktop publishing software	1	3	Test User	26/01/2024	Approved	🟢 🔴
A Latin professor at Hampden-Sydney	2	3	User Donohue	06/04/2024	Approved	🟢 🔴
A Latin professor at Hampden-Sydney	2	3	User Donohue	06/04/2024	Approved	🟢 🔴
A Latin professor at Hampden-Sydney	3	3	User Donohue	06/04/2024	Approved	🟢 🔴
A Latin professor at Hampden-Sydney	3	3	Test User	06/04/2024	Approved	🟢 🔴
Mission after completion and	6	5	User Donohue	24/04/2024	Approved	🟢 🔴

Day 13: My Profile Page and Deployment

- My Profile Page
- Explore configuring deployment environments and strategies.
- **Hands-on:** Create My Profile Page and Prepare for project deployment using various strategies.



Evan Donohue
[Change Password](#)

Basic Information

Name*	Surname*
<input type="text" value="Evan"/>	<input type="text" value="Donohue"/>
Employee ID	Manager
<input type="text" value="123454"/>	<input type="text" value="Manager"/>
Title	Department
<input type="text" value="Demo"/>	<input type="text" value="Sales"/>
My Profile*	
<input type="text" value="sd"/>	

Day 14: Discussion

Day 15: AWS Session

- AWS services and deployment
- **Hands-on:** Expand knowledge to include AWS services and deployment.