From Students…
…to Professionals

MICHIGAN STATE UNIVERSITY

Alpha Presentation
Team Member Mapping Application

The Capstone Experience

Team Rocket Companies

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Project Overview

- Bridge Communication Gap Between Remote Employees
- Collaboration & Community Focused
- Searchable Map Showing Other Employees
- Leveraging SiftAPI for User Profiles
- User Created Events for Work Meet-ups and Social Gatherings
System Architecture

Backend
- node
  - AWS Lambda
  - MongoDB

Deployment
- Amplify Hosting
  - Amazon API Gateway

Frontend
- React
- HTML
- Sift
- Geolocation

Users
- Android

Google Cloud Platform
Homepage Map With Users and Events
Creating an Event

![Create an Event dialog box with the following details:
- **Event Name**: Design Day
- **Time**: April 29, 8:00 a.m. - 12:00 p.m.
- **Location**: Engineering Building
- **Description**: Michigan State College of Engineering Design Day]
Profile Screen
Mobile Web App
What’s left to do?

• Updating an Actual User's Location Within the Database (Currently Dummy Data)
• Filtering the Map with SiftAPI
  ▪ Ex. Interests, company, locations.
• More Event Functionality
  ▪ Better event marker info boxes and descriptions.
  ▪ Create group chat for events.
• Option to not Show Precise Location
• Only Show Events and Users Nearby/Requested
• More Backend Endpoints (DELETE and POST)
• Implement Unit Testing
Questions?
Mobile Demo Video