



Alpha Presentation

Advancing PreK-12 Educational Opportunities

The Capstone Experience

Team Malleable Minds

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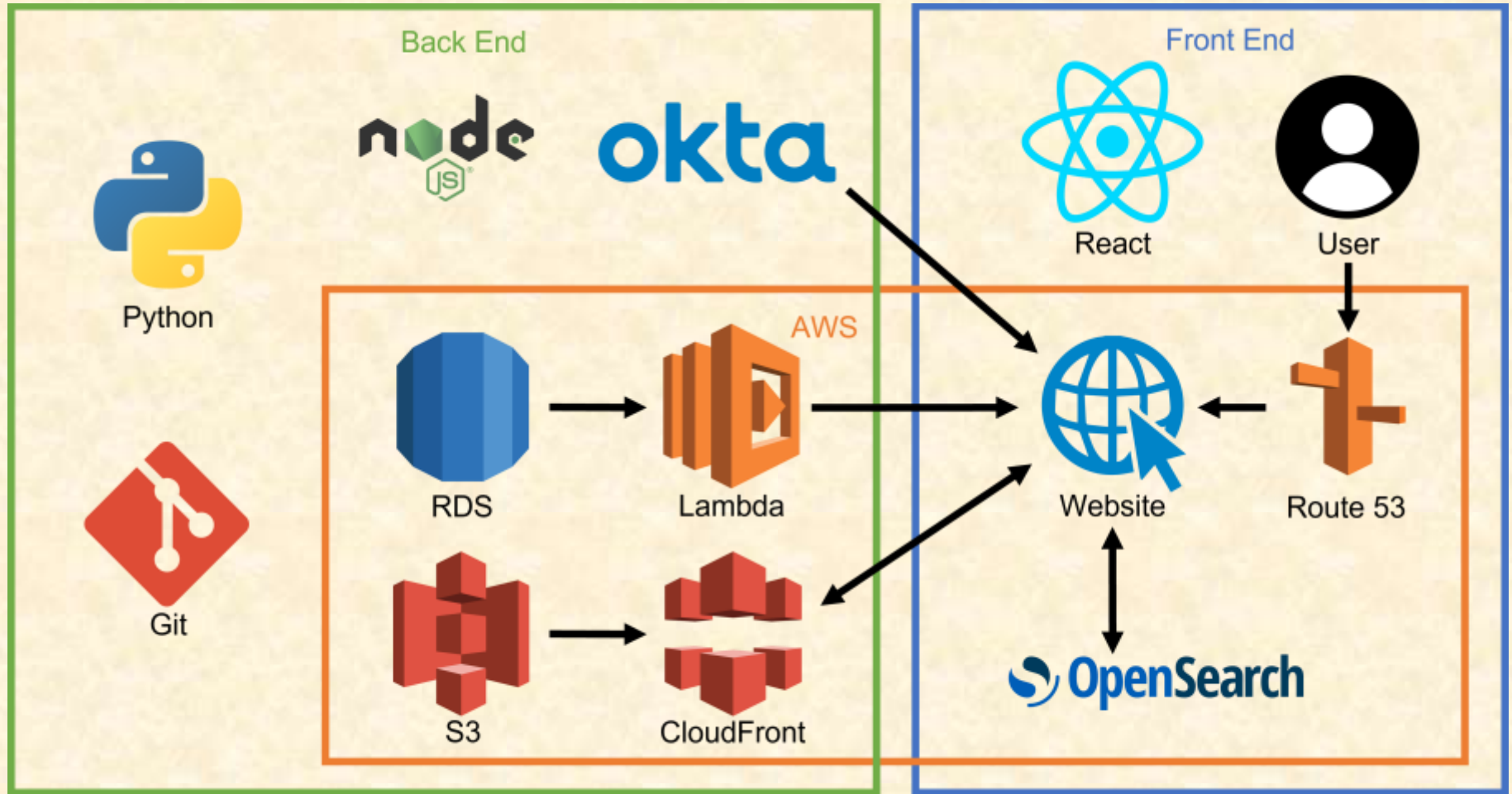
*From Students...
...to Professionals*

Project Overview

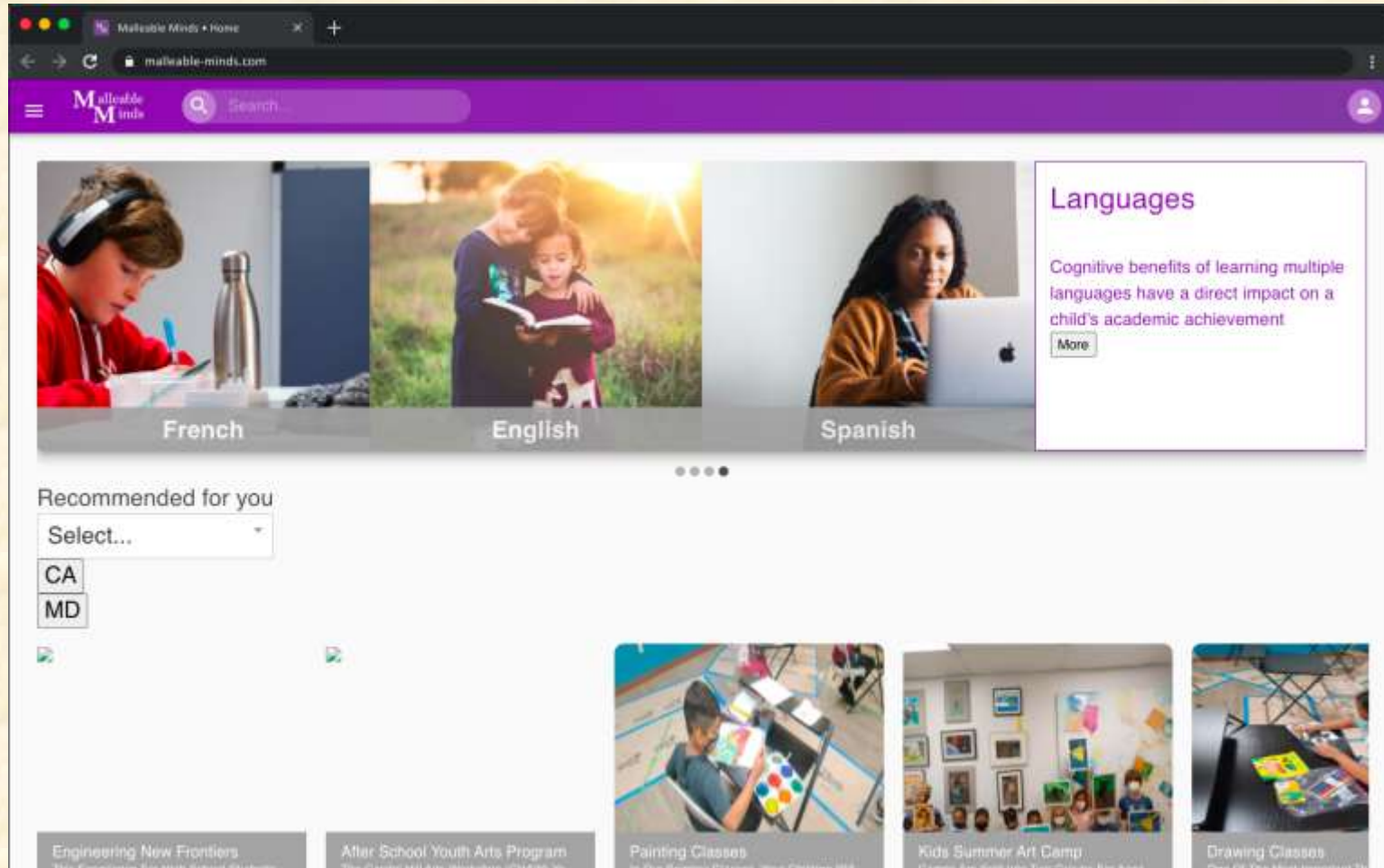
- A review aggregator web app that connects parents, educators, and providers in a transparent catalog of pathway-specific learning opportunities for PreK – 12 students
- We're appending to the existing web app platform: implementing performance enhancements through a new serverless backend, skill trees and subject pages, a redesigned home page, and more.



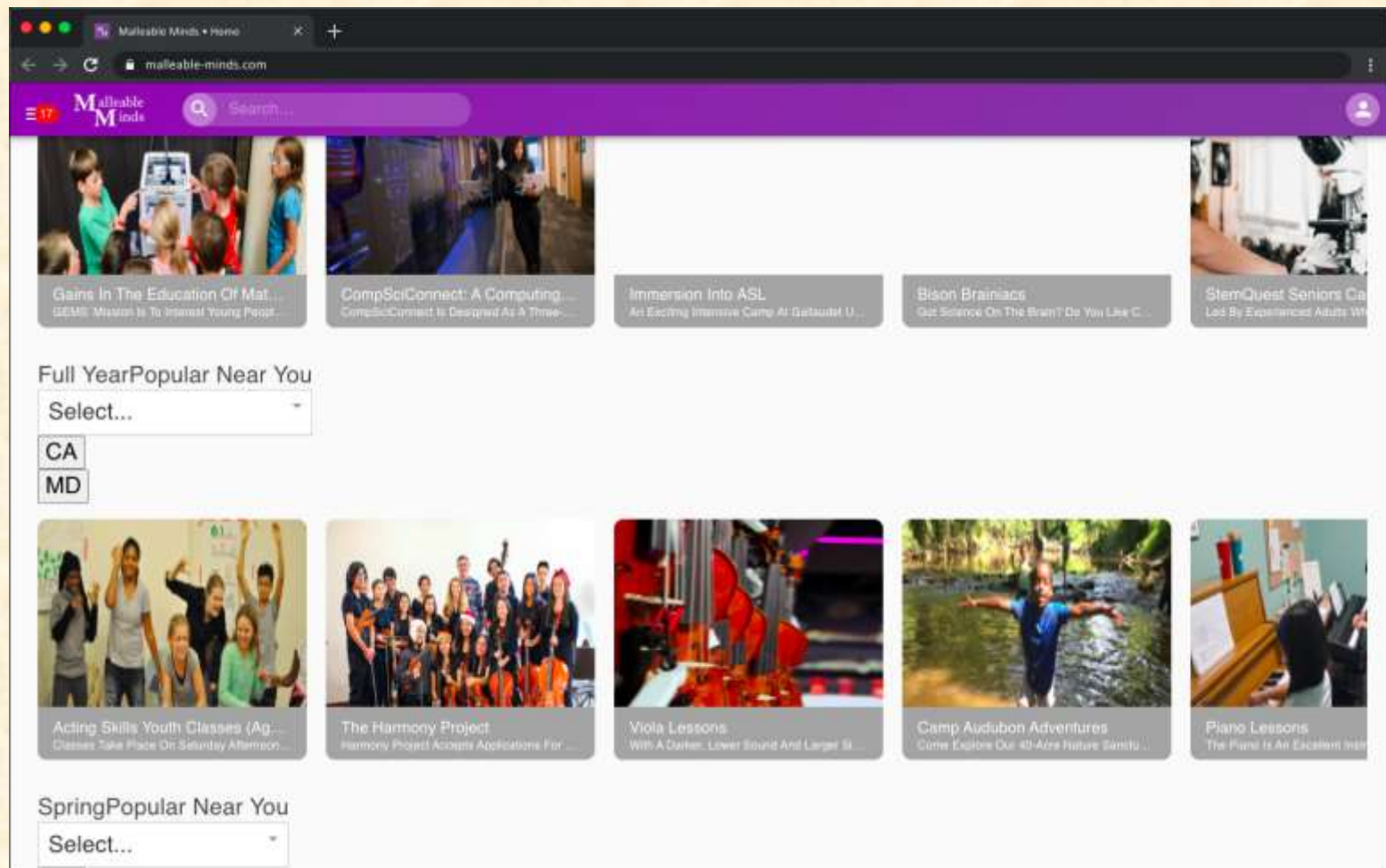
System Architecture



Home Page 1



Home Page 2



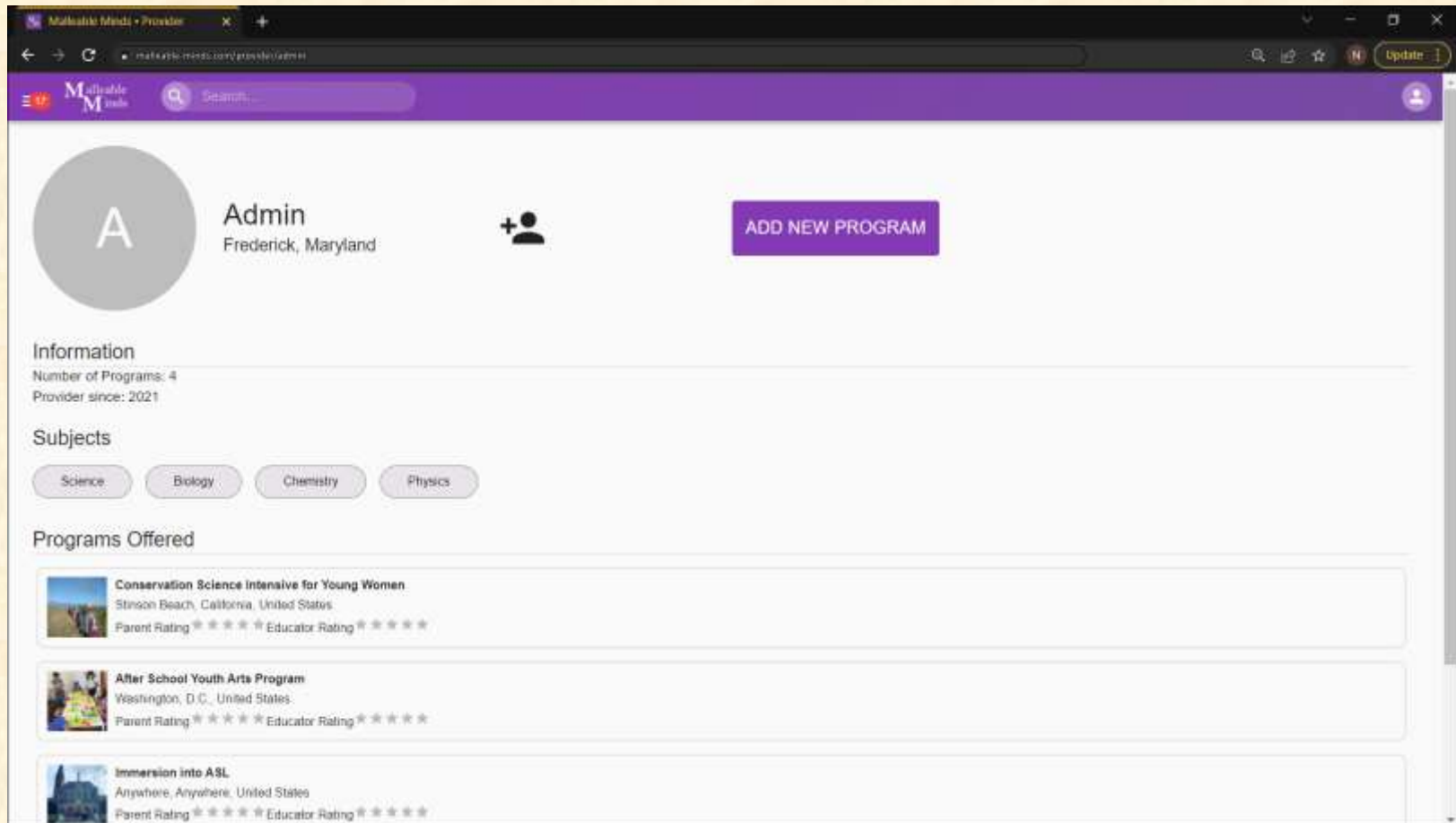
Provider Page 1

The screenshot shows a web browser window displaying the 'Malleable Minds' provider page for 'Admin' in Frederick, Maryland. The page has a purple header with the 'Malleable Minds' logo, a search bar, and a 'LOGIN' button. Below the header, the user's profile is shown with a circular avatar containing the letter 'A', the name 'Admin', and the location 'Frederick, Maryland'. A '+ person' icon is also visible. The 'Information' section lists 'Number of Programs: 4' and 'Provider since: 2021'. The 'Subjects' section features four buttons: 'Science', 'Biology', 'Chemistry', and 'Physics'. The 'Programs Offered' section lists three programs, each with a thumbnail image, title, location, and ratings.

Program Title	Location	Parent Rating	Educator Rating
Conservation Science Intensive for Young Women	Stinson Beach, California, United States	★★★★★	★★★★★
After School Youth Arts Program	Washington, D.C., United States	★★★★★	★★★★★
Immersion into ASL	Anywhere, Anywhere, United States	★★★★★	★★★★★



Provider Page 2



The screenshot displays the 'Malleable Minds - Provider' admin interface. At the top, a purple header bar contains the logo, a search bar, and a user profile icon. Below the header, the main content area features a large circular profile picture with the letter 'A', the name 'Admin', and the location 'Frederick, Maryland'. To the right of the profile information is a purple button labeled 'ADD NEW PROGRAM'. Below this, the 'Information' section shows 'Number of Programs: 4' and 'Provider since: 2021'. The 'Subjects' section includes four buttons: 'Science', 'Biology', 'Chemistry', and 'Physics'. The 'Programs Offered' section lists three programs, each with a thumbnail image, title, location, and ratings.

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What's left to do?

- Front-end
 - Create skill tree component page and add functionality
 - Create New Subject Pages
 - Create Admin Page
 - Redesign pages and add additional features
- Back-end
 - Convert remaining flask functions to AWS lambda
 - Implement necessary lambda functions for skill tree and subject pages from scratch
 - Deploy all AWS lambda functions remotely

Questions?

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