ANIRUD SHRESTHA

Student Developer

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TECHNICAL SKILLS

Languages and Frameworks: JavaScript | TypeScript | Java | C# | C | .NET | Node JS | React JS | Angular | REST API |
Web Services | Ionic components | Tailwind CSS | HTML5/CSS
Databases: MongoDB | DynamoDB | MySQL
Tools: Azure DevOps | Git | Bitbucket
Environment: Agile

RELEVANT EXPERIENCE

Boise State University   **Student Developer**   Boise, Idaho   **February 2022 – Present**

- Led a group of student developers to build an end-to-end full stack application (**Assignment Calculator**) with integrated admin portal for seamless assignment management for students.
- Revamped and launched the modernized **Bottom Line Estimator** app using Angular and .NET introducing new features, improved user experience and simplified maintenance.
- Engineered a subscription-based outage notification feature on new Boise State's **Reporting Site** by designing and developing a backend system for automated email notifications to subscribers using AWS SQS service.
- Integrated numerous features for the new revamped version of **myBoiseState** portal by closely interacting with stake holders and thoroughly A/B testing with old portal.

PROJECTS

Arrivee   GitHub

Description: A Location-Based reminder app that sends notification when user is inside the radius of a location they've set.

Technologies: Angular | Ionic components | Typescript | Tailwind CSS | C# | .NET6 | AWS DynamoDB | AWS Lambda
- Uses capacitor geolocation plugin to get user's precise location and has effective logic to push a local notification on user's device.
- Effectively handles Google Sign In by seamlessly connecting the GoogleUser Table and AppUser Table.
- Has minimalistic approach on UI to have a greater user experience and also proper error handling on all REST API calls.

MyDay   GitHub

Description: End-to-end web application for users to share their Day or Journal and publish on the internet.

Technologies: Angular | Tailwind CSS | TypeScript | C# | .NET 6 | Amazon S3 | AWS DynamoDB
- Uses AWS Lambda Function for serverless functionality.
- Seamlessly handles all the Post interaction (like, comment).

TimeToFocus   GitHub

Description: Timer web application for pomodoro study session with flexible alarm options during sessions

Technologies: React JS | Node JS | MongoDB | Express JS | GitHub Action
- Allows users to select time for their study, short break, and long break session with various alarm sound options.
- Stores any user's current task in local storage and handles completion or deletion with visually appealing UI.

EDUCATION

Boise State University   **Bs. Computer Science**   **December 2025 (Expected)**
- Courses: Intro to OOP | Data structures | Full-Stack Web Development | Version Control
- Awarded Global Excellence Scholarship for exceptional academics and writing.