Aditya Archunan Anand

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OBJECTIVE :
Actively seeking a technical internship position to learn more industry-oriented technology.

EDUCATION:
Michigan State University, E. Lansing, MI   Aug 2022 - May 2026
Bachelor of Computer Science (GPA : 3.94)

TECHNICAL SKILLS:
HTML, CSS, JavaScript, Node.js, React.js, Express.js, React Native, Redux.js, Redux Thunk, Firebase, NextAuth, Stripe, Fedora Linux, Devilbox CLI, API, Python, PHP, MySQL, Drupal, Kotlin, Jetpack Compose, Android Studio, Java, Git, GitHub, C++.

WORK EXPERIENCE:
Michigan State University, E. Lansing, MI   Jan 2023 - Present
Student Web Developer Intern, SEAL team, MSU.
- Assisted in 2 long-term RHS Department projects with Drupal CMS.
- Resolved 20+ technical issues in websites using **PHP, MySQL, Devilbox**.
- **Initiated testing** and upgrading of RHS domain websites on my local machine, assisting developers, **researching and documenting** fixes for errors. Also, addressed high-priority tickets from other departments.
- **Developed** a **PHP custom module** using **Drupal Hooks** to enhance XML feed output for upcoming MSU events, aiding other teams in displaying venue free slots. Integrated as a **Git submodule** in our **Gitlab** repository and applied across multiple websites.

Target.ist
Tech Lead
- **Collaborated** in a team of 4 on a startup idea to **build** an AI based task automation software.
- Took initiative and developed the User Interface of the application for the alpha version using **MongoDB, Node, React Native** and **Expo Command Line tools**.

PROJECTS:
Amazon Clone:
- **Developed** an Amazon website clone using **Next.js** on the frontend. Integrated products from **Fakestore API** and enabled **user authentication** through the Google Authentication Provider from **NextAuth.js**.
- **Implemented** a **Redux store** to manage user-added items in the basket, utilizing local cache for persistent access. Integrated **Stripe API** for seamless payment processing and leveraged **webhooks** for order storage on the site.
- Utilized **Google Cloud** Functions to establish an Application Default Credential with a service account key, enabling access to the Firestore database. Implemented this to display a user's past orders.

LinkedIn clone:
- **Developed** a LinkedIn website clone using **React.js** for the frontend, featuring a homepage similar to the user interface experienced after signing in on LinkedIn.
- **Implemented user authentication** via **Firebase Authentication** using Email and Password. Created a Register/Sign In page for new and returning users. Enabled users to post on the website, fostering discussion and continual expansion.

CrashEye Crash Detection System:
- **Collaborated** with the team (team of 3) to build an AI-based software crash detection system. Utilized the **MERN stack** for the frontend, **Python** for the backend, and **Minds DB** for training the model.
- The system enables rapid identification and categorization of software crashes in users' systems, eliminating manual report submissions and enhancing the development process.
- **Initiated MERN stack** frontend development with **Electron JS** for desktop. Established authentication and data extraction via **Express JS** and **Node JS REST API**. Built the client-side using **React JS** with Axios for API requests. **Hosted** the API on **AWS EC2**.