

Aswin Timalsina

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EDUCATION

University of Louisiana Monroe (ULM) – Monroe, Louisiana
Bachelor of Science, **Computer Science (Honors)** with Minor in **Mathematics**
Cumulative GPA: **3.45**

Degree Expected: December 2021

EXPERIENCES

Louisiana Small Business Development Center – Monroe, Louisiana

Full Stack Developer Intern

Feb 2021 – Present

- **Leading** the team of 5 student developers to design and develop a local business website using **HTML, CSS, ReactJS, NodeJS, MySQL**. Responsible for **communicating** with the business officials.
- Working on **3 projects** parallelly alongside full-time study.

Ellucian – Reston, Virginia

Software Development R&D Intern

May 2021 – Aug 2021

- Worked as a Full Stack Developer in the **scrum** team of 9 members on the company's futuristic project.
- Followed **Agile Software Development** Process and contributed to Sprint Planning and Retrospective.
- Researched **Metabase** (visualization tool) source code to match the visualization to the company's color scheme.
- Integrated calendar by working on **Lambda function, API Gateway** and **DynamoDB**, and ReactJS on the frontend following test-driven development using **JUnit, Jest, React-testing-library**.
- Added **API timeout** feature in the frontend which triggers on API call taking 10 seconds or more.

Cloud Native Buildpacks – The Linux Foundation, San Francisco, California

LFX Mentee

Mar 2021 – Jun 2021

- Learned and contributed to multiple **open-source** repositories of Cloud Native Buildpacks under the mentorship of project maintainers.
- Practiced industry best practices: contributing to open-source software using **Git and GitHub**, conducting **code reviews**, participating in **distributed development**, designing new **components** and **interfaces**, and leading them to completion.

Nepalese Student Association – Monroe, Louisiana

Webmaster

Aug 2018 – Aug 2019

- Deployed and developed the new official website using **HTML/CSS, JavaScript, Django, PostgreSQL**.
- Initiated and handled software development using the **Agile/Scrum development process**.
- Researched and analyzed Google Trends keywords for **SEO** purposes to optimize search engine ranking and increased site traffic by 16%.
- Designed **official logo, UI/UX** of the website, and digital designs for **10+ events** using **Adobe Illustrator** and **Photoshop**.

PROJECTS

Ticketing Productivity – <https://ticketing-d7350.web.app/>

- Built a responsive web application from scratch using **React, Redux**, **HTML/CSS** and **Firebase** allowing users to track multiple tasks with ticketing system.
- Added a feature to create private tasks and post updates privately.

Fuel Dispatcher Mobile Application – <https://github.com/kripanepal/AIMS>

- Built an **Android mobile application** from scratch for fuel delivery company by using **Android Studio (Kotlin)** and secured **3rd position** for best mobile app among 9 groups.
- Introduced features: **real-time** interaction with delivery driver, **offline mode** without losing data, **dark mode**.

SKILLS

Languages: Java, Python, JavaScript, PHP, Kotlin, C++

Front-end: ReactJS, Redux, Angular, HTML, CSS, D3.js, jQuery

Back-end: Express.js, NodeJS, Spring Boot, Docker, Kubernetes, MongoDB, MySQL

Miscellaneous: Git, AWS (API Gateway, Lambda Function, Parameter Store, VPC, IAM, DynamoDB, EC2), Postman, Jenkins, JUnit, Jest, React-testing-library, Android Studio