MEKELLE UNIVERSITY College of EIT-M

SCHOOL OF COMPUTING

INTERNSHIP REPORT - FIRST MONTH

Intern Name : Kiflom Berihu Abay

Internship Position: Laravel and Vue.js Developer Intern

Company: Ahaz Platforms

Location : Mekele , Tigray , Ethiopia

Advisor: int. Mhretab

Week One (04/03/2025 - 10/03/2025)

Weekdays	Activities
Monday	Conducted research on Ahaz Platforms to understand the company and its operations.
Tuesday	Officially secured the internship position
Wednesday	Set up the development environment for Laravel and Vue.js, ensuring all necessary tools were installed.
Thursday	Rehearsed and reviewed my prior knowledge of Laravel and Vue.js to prepare for practical tasks.
Friday	Explored Laravel's MVC architecture and Vue.js component structure; completed an introductory project.

Brief Overview of the First Week

During the first week, I familiarized myself with Ahaz Platforms by conducting company research and understanding its operations. I officially secured my internship position and prepared my development environment with Laravel and Vue.js. I spent time reviewing and refreshing my knowledge of both technologies. The week concluded with a hands-on project exploring Laravel's MVC structure and Vue.js components.

Week Two (11/03/2025 - 17/03/2025)

Weekdays	Activities
Monday	Reported to the office and secured my designated seat.
Tuesday	Joined the company's collaboration tools, including Slack and GitHub, to streamline communication and development workflow..
Wednesday	Attended a team meeting where ongoing projects were discussed;
Thursday	Assigned to collaborate with fellow interns on an upcoming project; began conducting requirement analysis to better understand the project's objectives and technical needs.
Friday	began requirement analysis for a new project to be assigned to me and fellow interns, with initial guidance from the team lead.

Brief Overview of the Second Week

I settled into the workplace environment and joined the company's collaboration platforms like Slack and GitHub. I participated in team meetings and started collaborating with fellow interns. I was introduced to a new project and began conducting requirement analysis under the guidance of the team lead. This week focused heavily on planning and preparation for upcoming development work.

Week Three (18/03/2025 — 24/03/2025)

Weekdays	Activities
Monday	Finalized the documentation of the requirement analysis for the assigned project and prepared for the team presentation.
Tuesday	Presented the requirement analysis results to the team; received constructive feedback from team leaders and coworkers.
Wednesday	Revised parts of the analysis based on the review and suggestions; aligned with fellow interns and senior developers on implementation strategy.
Thursday	Participated in a project planning session with the team to break down implementation tasks; assigned specific backend responsibilities using Laravel and also some frontend tasks with vue.js.
Friday	I cloned the project's starter kit repository to begin initial development.

Brief Overview of the Third Week

I finalized and presented the results of the requirement analysis to the team and received feedback from team leaders and peers. After making revisions, I collaborated with interns and senior developers to plan implementation tasks. I was assigned backend and frontend responsibilities using Laravel and Vue.js. By the end of the week, I cloned the project's starter kit and began setting up the development environment.

Week Four (25/03/2025 – 31/03/2025)

Weekdays	Activities
Monday	Began initial implementation of the project, collaborating with both interns and senior developers to set up the project structure.
Tuesday	Continued the implementation phase, focusing on backend setup with Laravel and coordinating frontend component planning using Vue.js.
Wednesday	Assisted in building dynamic Vue.js components for the dashboard; actively debugged integration issues between the backend and frontend.
Thursday	Conducted code reviews with fellow interns and received feedback from senior developers; improved code quality and adhered to project conventions.
Friday	Implemented authentication and user role management features; collaborated with the frontend team to ensure API compatibility.

Brief Overview of the Fourth Week

The week focused on implementing the planned project features in collaboration with both interns and senior developers. I worked on backend development, built Vue.js components, and addressed integration issues. I also participated in code reviews, receiving valuable feedback to improve my contributions. The week ended with the successful implementation of authentication and user role features.

Monthly Activity Summary

Week	Summary of Activities
Week One	Researched Ahaz Platforms, secured the internship, set up Laravel and Vue.js development environment, refreshed technical skills, and completed an introductory project using both frameworks.
Week Two	Joined collaboration tools (Slack, GitHub), participated in meetings, and began requirement analysis for a new project assigned to me and fellow interns.
Week Three	Submitted and presented requirement analysis; received feedback, revised the document, planned the implementation phase, and cloned the starter kit to start development.
Week Four	Began project implementation; worked on backend with Laravel and frontend using Vue.js, participated in code reviews, resolved integration issues, and implemented authentication and user roles.