

# Curriculum Vitae

## PERSONAL INFORMATION

**Name:** Shahil Jha  
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## PROFESSIONAL INFORMATION

### Client Management Portal

**July 2024 – October 2024**

*Internship – Figma, .Net, VueJS, Hubspot and SQL Server*

I did an internship in The Catalysis Group where I designed an UI for a portal for the company's client in Figma and got it approved by the clients. I also took part in the development of the frontend of the portal using VueJS and the backend in .Net. I also got involved in the database redesign. I was also tasked with coming up with test plan and test cases draft. I was also involved in a project using Hubspot CMS Hub and Make for automation of tasks.

### Drupal Website

**March 2024 – June 2024**

*IT Thesis – Discover Darwin Website*

I did my thesis where I am redesigned and migrated the previous Discover Darwin website using Drupal 10. I did my thesis under the supervision of Dr Cat Kutay for the City of Darwin in collaboration with the community. I was using Drupal 10 to migrate the previous website content and redesign the user interface.

### Grade Marking Web Application

**July 2023 – October 2023**

*Web Application Developer*

This was a project where we designed the website using Figma and gathered valuable feedback from students and teachers through user testing. We streamlined development using the Jira Ticketing System and Vercel PaaS for seamless deployment. Agile methodology was implemented in sprints, using NextJS and TailwindCSS for the application development. I implemented cron jobs for task automation to reduce burdens and bottlenecks in the process.

### Healthy Foodland

**September 2022 – January 2023**

**Food Department of Nepal Cancer Hospital and Research Centre, Lalitpur, Nepal**

*Technical Assistant*

As a technical assistant, I was responsible for configuring and managing software issues that may arise and communicating the problem and solution to relevant parties. My responsibilities also included managing the daily patient food log while communicating with the in-house nutritionist and the hospital-assigned patient doctor to check for any inconsistency or planned modification.

### Digital Menu Application

**March 2022 – June 2022**

**Food Department of Nepal Cancer Hospital and Research Centre, Lalitpur, Nepal**

*Mobile Application Developer*

This project was a part of my internship program. I proposed this project to the food department of the Hospital and Research Centre as a solution for them to show the food items and their prices to the visitors and staff members. I developed a simple and intuitive content management system with limited access privileges for non-technical staff to change the menu and its items. I used Flutter as the framework to develop this application, with Node.js as backend and MySQL as the database. This project was later integrated into their patient food management system.

### E-Commerce Application

**November 2021 – January 2022**

*Freelance .NET Developer*

I joined on this e-commerce project mid-way through its development phase and worked with a team. My duties involved using the .NET framework to complete tasks assigned by the team leader, which

included the development of a front-end user interface and writing business logic. I was involved in the project's coding and coordinating with the client for feedback and checking if the client's requirements were met.

**Cross Platform Order Taking System Application**  
**Crazy Burger Crunchy Chicken, Kathmandu, Nepal**

**May 2021 – July 2021**

*Summer Project*

This project was a part of my summer project required for my bachelor's credit completion. I selected a small business, analysed its operation, and developed a solution to optimize the operations using the software. I studied the restaurant's business operation and interviewed the staff members for different perspectives on developing a kitchen order-taking system as a solution. This application was developer operatable for iOS and Android and used by the internal members of the business for daily operations. I used Flutter and Firebase for the development and operation of the application.

**User Interface for E-Commerce Application**

**March 2021 – April 2021**

**Unique Smart Industries**

*Freelance Flutter Developer*

This was a freelancing job I took up for an individual client who wanted to develop a user interface for an e-commerce mobile application using Flutter. I communicated with the client to keep track of their requirements and expectations for the user interface. After collecting the requirements, I came up with mock-ups for the application and used Figma to draw a prototype. I used Flutter for the development of the interface for its cross-platform capabilities. I also made the interface screen size responsive for multiple generic screen sizes.

**Software competency**

- |   |                     |
|---|---------------------|
| • .Net Framework                        | • Flutter Framework |
| • RabbitMQ                              | • Drupal            |
| • MVC                                   | • NodeJS            |
| • N-Tier and Domain Driven Design       | • ReactJS           |
| • SignalR                               | • VueJS             |
| • NLog                                  | • NextJS            |
| • Dependency Injection                  | • Jira              |
| • Windows Presentation Foundation (WPF) | • Git Bash          |
| • MySQL                                 | • Postman           |
| • Oracle SQL                            | • Strapi            |
| • Microsoft Project                     | • Visual Studio     |
| • Figma                                 | • TailwindCSS       |
| • Hubspot CMS Hub                       | • Bootstrap         |
| • Make – Automation Tool                | • Firebase          |

**EDUCATION/QUALIFICATIONS:**

- **Master of Information Technology (Software Engineering)**  
Charles Darwin University (2023 – 2024)
- **Bachelor's Degree in Information Management**  
Tribhuvan University (2018 – 2022)

**FURTHER TRAINING:**

- NT C Class Drivers Licence
- NT R Class Drivers Licence
- HLTAID010 Provide Basic Emergency Life Support
- HLTAID009 Provide Cardiopulmonary Resuscitation
- HLTAID011 Provide First Aid
- NT Responsible of Service of Alcohol (RSA)

**REFEREES**

(Can be provided when required.)