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**SOFTWARE ENGINEER**

Accomplished Software/Web developer with 5 years of experience in designing, developing, testing and maintaining enterprise to business based mobile to web based application. Willing to adapt and learn new technology to apply the best and efficient practices to deliver real world solutions.

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**Professional Experience**

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**Element Engineering Australia (Software Engineer - Web)**

2023 - Present (Australia)

- In my role in Element Engineering, I have been working on AXS Saram and Penny a react application for viewing and tracking bike activities and automating browser testing for testing end-to-end implementation for the website.
- Maintained and implemented new features using third party CDP (Segment) and Cloud computing service for analytical data (Firebase).
- Maintained and updated automating testing framework to ensure that overall functionality of the websites are working in order and up to date.
- **Technologies used: React, Firebase, Python (Selenium), Gitlab and Segment.**

**Webpoint Solution (Web and React Developer)**

2022 - 2023 (Nepal)

- In my role in Webpoint, I worked on wellness mobile application which was designed to stream and host wellness content as well as allowing users to download and use it offline. As for web-based, I worked on a new-york based online newspaper company, which hosted news and had subscription based viewing of content that was handled by 3rd party applications like Stripe and Zephr.
- Programmed Android and IOs (react native/expo framework) based application for e-commerce and wellness.
- Converted client's requirements, changes and support into actionable outcomes on applications
- Investigated areas of improvements by periodically testing and monitoring the overall implementation to boost application runtime.
- Collaborated from a team of 5 developers to solo on back-end and front-end implementation to ensure overall project progress and application integration was streamlined.
- Optimized back-end implementation to enable ease of usability to enhanced push-notifications for live updates and improve overall performance of the website by 30%.
- **Technologies used: React-Native, React, NextJS, TypeScript, Wordpress, Github and Zephr.**

**Leapfrog Technology (Software Engineer)**

2019 - 2022 (Nepal)

- In my role in Leapfrog, I worked on various web based application such as payment sharing application, healthcare service for process management and mobile application for health fitness platform.
- Programmed on projects that ranged from simple web dashboard to AI based implementation and mobile application.
- Developed web applications that are used by medical professionals in the aid of skin cancer research and treatment which is HIPPA compliant.
- Developed a web portal to showcase real time data of human traffic that was being transmitted by computer vision systems for town planning for better footpathing and road networking.
- Collaborated with team-members to achieve milestones and showcased project's feature implementation and updates fortnightly by following agile methodologies.

- Summarized and organized documentation of every project's development for set-up and troubleshooting purposes.
- **Technologies used: React, React-native, Typescript, Java (Micronaut), Postgres and Github.**

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#### **Strong Digital (Web/Application Developer)**

2017 - 2019 (Australia)

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- In my role in Strong-digital, I worked on websites for small to large companies for e-commerce, rebranding and branding for businesses.
  - Programmed web applications that comply with the latest web-based compliance and cross-browser focused on responsiveness and user-friendliness.
  - Engaged with clients' to provide the best solution and realistic goal on clients' vision and outcome.
  - Maintained and updated websites that had over >3000 user traffic and implemented payment processing features using Stripe.
  - Programmed using MVC and CRUD principles to create web-based applications.
  - **Technologies used: Wordpress, React, Stripe and Github.**
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#### **Technical Skills**

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| • JavaScript (React, React Native, Nextjs, Typescript, Nodejs) | • Git                         |
| • Material UI and Tailwind                                     | • Docker                      |
| • Java (Micronaut)   | • Firebase                    |
| • Php  | • AWS                         |
| • CMS (Wordpress & Drupal)                                     | • Database (Postgres & MySQL) |
| • HTML & CSS   | • Jira                        |
|  | • Figma                       |
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#### **Education**

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##### **Queensland University of Technology**

**2013 - 2016**

Bachelor in Engineering (Software Systems)

- 3rd place in International Maritime RobotX Challenge
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#### **References**

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Chitra Shrestha  
(Senior Software Engineer)

[schitru@daanfe.com](mailto:schitru@daanfe.com)  
0449793925

Sonam Shepra  
(Chief Operating Officer Webpoint)

[sonam@webpoint.io](mailto:sonam@webpoint.io)  
+977-9846675278

Nick Marden  
(Director & Founder of Strong Digital)

[nick@strong.digital](mailto:nick@strong.digital)  
0406976673