SUBASH SHRESTHA

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Github/Linkedin

Professional Summary

A motivated Software Engineer with **8 years of experience** in developing and maintaining web applications. Experienced in frontend development, API integration, application testing, debugging, and collaborating with cross-functional teams to deliver reliable software solutions. Looking to contribute technical skills and problem-solving abilities to meaningful software development projects.

Professional Skills

- **Core Tech:** Strong understanding of Javascript/Typescript, Rxjs, HTML, CSS, and Websockets
- **Frameworks & Architecture:** Angular with Micro-Frontend and Monorepo to build complex applications and libraries, Storybook and React.
- **AI-Assisted Development:** Experience utilizing Claude, Antigravity, and Cursor for accelerated web development and code optimization.
- **Specialized Development:** Working experience in building UI for LLMs and internal design systems.
- **Testing And Debugging:** Unit testing with Jest, E2E testing with Protractor, stress testing with JMeter and BlazeMeter, and investigating application defects and production issues.
- **Backend and Database:** REST API development using Rails and Express, GraphQL integration, and MySQL.
- **Development Practices & Tools:** Git, code reviews, technical documentation, CI/CD, deployment, and release management. Jira and Figma.

Professional Experience

Senior Frontend Engineer at Itonics, Nepal:
August 2021 - Present

- **Led a team** of developers through sprint planning, daily stand-ups, and retrospectives, while also actively participating in product grooming sessions to improve ticket specifications and prepare for upcoming sprints.
- Acted as a **team supervisor** for two team members for a period of 6 months.
- Developed complex innovation management applications using **Micro-Frontend Architecture and Nx Monorepos,** accompanied by an internal design system developed using **Storybook** strictly following **Figma** designs.
- Worked on implementing an **internal design** system by building components for both **Angular** and **React** applications
- Designed specialized **UI for LLMs**, along with the implementation of **WebSockets** to facilitate **real-time data synchronization** for interactive AI-driven features

- Participated in workshops to **upgrade Angular applications** and successfully upgraded multiple Angular applications and libraries from Angular 11 to Angular 13.
- Worked on integrating both **GraphQL and REST API** in the application
- Investigated and resolved application defects, including production issues, ensuring **application stability and reliability**.
- Participated in **code reviews**, **technical documentation**, **CI/CD processes**, deployment verification, and release management.

Software Engineer at Bajra Technologies, Nepal:
August 2019 - May 2021

- Developed UI using **Angular Framework** along with NG-ZORRO which is a UI Component library for Angular and **Chart.js** for graphical representation of data in various pages of the application
- Implemented **Google reCaptcha** for Human verification during login and registration
- Worked on **Stripe.js** for the payment gateway system
- DOM manipulation for customizing components provided by the library like NG-ZORRO
- Worked on **E2E** testing using **Protractor**
- Perform **Stress testing** of the system with dynamic no of thread and ramp-up period using **Jmeter** and **Blazemete**r
- Created APIs for Web Applications using **Rails** Framework
- Worked closely with Project Manager, Senior Developer, and QA under tight time constraints with dynamic requirements
- Assisting team members and guiding interns

Ionic Developer / Angular Developer at IT Glance, Nepal:
September 2018 – July 2019

- Worked on frameworks like **Ionic**, Angular, and **Express**
- Responsible for modifying API in the express and adding new features and enhancing functionality in User Interface using Angular
- Collaborated with a highly experienced team to develop a high-quality mobile application
- Worked on **Firebase Cloud Messaging** for **Push Notification** Service
- Communicated new ideas, issues, and outcomes with team and supervisor
- Direct Interaction with the client for modifying existing features and adding new features

Educational Qualification

Course	Institution	Board	Year of passing
B.Sc. CSIT	Samriddhi College	TU Board	2018 A. D
+2 (Science)	Khwopa Higher Secondary School	HSEB Board	2014 A. D

Achievements and Certifications

- 1st Runner Up at **National Level Programming Contest**, organized by Nepali Samaj, 26th Jan 2018
- Top 5 in Coding Tournament during **IT Meet organized KU**, IT Park, 6th Jan 2017
- Selected for Human Rights Appathon organized by **Microsoft Innovation Center** Nepal, 2016