**KHEMRAJ THAPA** *Front End Lead*

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# Profile

Experienced Front End Lead with 9 years in web development, specialising in Angular and Nx. Passionate about crafting efficient, user-friendly applications and leading projects to deliver outstanding results. Expertise includes hands-on coding, strategic planning, and ensuring adherence to best practices. Proven track record of guiding teams through challenging projects, enhancing development processes, and maintaining a current approach with the latest technologies.

Seeking new opportunities to apply technical leadership skills and drive impactful projects forward. Currently upskilling in ReactJS and Next.js to broaden my technical expertise.

# Technical Skills

**Frontend:** HTML, CSS, JavaScript (ES2020), TypeScript, Angular, React, NextJS, jQuery, Sass, NgRx, RxJS

**Backend:** NodeJS, ExpressJS

**Database:** MySQL

**APIs:** REST, JSON API, OpenAPI, Swagger

**Build & Testing:** Webpack, GruntJS, Nx, Karma, Protractor, Cypress, Jest, MockServer

**Version Control & CI/CD:** Git, GitHub, Tower, GitHub Actions, CircleCI

**Development:** VSCode, ESLint, Prettier, Husky, NPM, Yarn

**DevOps & Cloud:** Docker, AWS, Nginx

**Project Management & Monitoring:** Jira, Trello, Miro, Sentry

**Design:** Figma

**API Testing:** Postman

**Real-time Communication:** PusherJS

**Methodologies:** Agile, Scrum, Waterfall

# Experience

**Lead Frontend Developer***Myorb Limited, 2022 - Present*

* Led Angular and Nx web application development, ensuring adherence to best practices.
* Participated in sprint planning, estimation, and scope definition.
* Conducted technical interviews to build a strong development team.
* Collaborated with other technical leads on complex solutions.
* Facilitated sprint demos and retrospectives for continuous improvement.
* Spearheaded migration from AngularJS to modern Angular, significantly improving application performance.
* Developed a PACS management app using Orthanc REST API, streamlining medical image management for radiologists.
* Created a DICOM uploader app with drag-and-drop functionality, enhancing user experience.
* Migrated a Reporting app to Angular, integrating Google Speech-to-Text API and enabling voice-powered reporting.

**Stacks and Tools**:

Javascript (ES2020), Typescript, Angular 14, Nx, RxJS, Akita, Angular Material, Webpack, Sass, Prettier, GitHub Actions, NodeJS, Docker, Nginx, PusherJs, Sentry, Cypress, MockServer, AWS

**Senior Frontend Developer***Myorb Limited, 2017 - 2022*

* Developed features for a radiologist application using AngularJS, enhancing their workflow.
* Collaborated with the tech lead to establish a robust QA process for the AngularJS project.
* Streamlined the build process with custom tools, achieving a significant 50% reduction in build time.
* Created a custom library that utilises Git logs to generate changelogs and automatically publish them on the Slack channel, improving team communication.
* Upgraded the frontend codebase using ES6 and Webpack for improved maintainability and efficiency.

**Stacks and Tools**:

AngularJS, Angular Material, jQuery, JavaScript (ES6), Webpack, Git, GruntJS, Sass, PourOverJS, Filestack

**Frontend Developer***Myorb Limited, 2014 - 2017*

* Collaborated with managers to write clean, reusable code following best practices in HTML5, CSS3, and Angular Material.
* Designed and developed user interfaces with a focus on simplicity, intuitiveness, and responsiveness, working closely with senior designers.

**Stacks and Tools:**

AngularJS, Angular Material, jQuery, JavaScript (ES5), Git, GruntJS, Sass, PourOverJS, Filepicker

### **Certifications**

**Cerco Certificate in Computer Systems & Networking***Cerco IT Training & Recruitment,*

May 2013 - June 2013

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# Education

**MSc Software Engineering***University Of Portsmouth*Sep 2013 - June 2014

**BSc Computing***University Of Portsmouth*Sep 2011 - June 2012

**Higher National Diploma in IT***Guildford College*Sep 2009 - Jul 2011

**Reference available upon request**