MELCHI ZEDEK A

Angular Developer

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PROFESSIONAL SUMMARY

- **Angular Developer** with over **2 years** of expertise in designing, developing, and delivering dynamic, large-scale web applications with a focus on user experience and performance optimization.

- Proven track record in **B2B and B2C e-commerce projects**, contributing to revenue growth by enhancing user flows and application scalability.

- Experienced in leading development teams and delivering innovative solutions, including server-side rendering (SSR), state management, and multi-language support.

WORK EXPERIENCE

Piccosoft Software labs India , Thiruvanamalai, Aug 2023 to Jan 2025

Classifieds Web App

- Led a frontend team to build a classifieds app using Angular and **NgRx** for state management, ensuring a seamless and responsive user experience.

- Integrated **server-side rendering** (Angular Universal) for optimized page loading and improved search engine rankings.

- Developed secure and efficient third-party login and payment gateway integration (Facebook, Google, Authorized.net).

E-commerce App B2B and B2C (Product)

- Delivered advanced data visualization via Plotly for enhanced admin insights and real-time analytics.

- Implemented server-side rendering and pre-rendering for superior SEO, increasing organic traffic.

- Built a Progressive Web Application (PWA) for enhanced performance and offline capabilities using service workers.

- Developed **multi-language** support via Angular localization, improving user accessibility in global markets.

Instrument Calibration App

- Enabled seamless data exchange between components using **RxJS subjects, behavior subjects, and observables**, ensuring efficient calibration status updates.

- Optimized application performance by migrating code from **Angular v13 to Angular v18**, adhering to the Angular Update Guide.

- Implemented lazy loading for improved navigation efficiency between components.

- Integrated **ngx-charts** to provide real-time statistics for calibration processes.

SKILLS

- **Frontend Frameworks:** Angular (v4 and above), Angular Universal, NgRx

- **Languages & Tools:** TypeScript, HTML, CSS,Bootstrap,Angular Material, RxJS, Restful APIs.

- **Version Control:** GitHub

- **Development Expertise:**
- Proficient in creating highly interactive single-page applications (SPA) with **reusable components for tables, forms**, and more.

- Skilled in Angular modules, services, templates, directives, dependency injection, and both reactive and template-driven forms.

- Hands-on experience with Angular Universal for server-side rendering and enhanced SEO.

- Expertise in state management with NgRx for building performant and maintainable applications.

- Adept at integrating third-party libraries and APIs into web applications.

EDUCATION

- **Master of Computer Application (MCA)**, University of Madras

- **Higher Secondary Certificate (HSC)**, St. Paul's Higher

 Secondary School–73%

- **Secondary School Leaving Certificate (SSLC)**, St. Paul's Higher
Secondary School – 83%