LUKAS KOENIG

SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Software Engineer with 5 years of web and mobile application design and development. Offers a firm foundation in engineering principles, effectively contributing to the development of robust websites and mobile applications. Solid technical acumen with strong problem-solving skills and a commitment to delivering high-quality creative solutions.

EXPERIENCE

Software Engineer
February 2025 - Present | Elser Interactive, IL

- Developed and implemented software solutions utilizing Agile methodology, Typescript, Tailwind, Node, C#, WordPress, PHP, Next & more.
- Participated in code reviews, providing constructive feedback and ensuring adherence to coding standards.
- Participated in the full software development life cycle (SDLC) from requirements gathering through system implementation.
- Collaborated with stakeholders to design user interfaces that provided intuitive navigation and enhanced user experience on various platforms.

Software Engineer
August 2020 - February 2025 | DCWD, US

- Developed server-side applications using Node.js and Express.js, achieving a 30% increase in request handling efficiency by leveraging their asynchronous, event-driven architecture to build scalable backend systems.
- Enhanced application performance by 30% through efficient state management and optimization techniques in React applications at DCWD.
- Integrated over 50 third-party libraries and modules using Node.js's npm ecosystem, reducing development time by 25% and increasing the functionality of backend systems to meet diverse project requirements.
- Reduced report response times by 25% by implementing optimized database queries and leveraging modern JavaScript frameworks for front-end development.
- Ensured visually appealing and consistent design across applications, enhancing user interfaces with CSS, leading to a 20% increase in user satisfaction scores.

CONTACT

- 732- 600-9665
- Lkoenig2121@gmail.com
- Bayville, NJ

SKILLS

- SQL
- HTML/HTML5
- CSS/CSS3
- SCSS
- Typescript
- Tailwind
- Node.js
- GraphQL
- ReactJS
- React Native
- NextJS
- Vue
- Express.js
- Angular
- Redux
- Jest
- Tailwind CSS
- Git
- Github
- Webpack
- RESTful APIs
- MongoDB
- NoSQL
- JSON

- Improved team collaboration and code quality by managing version control with Git, resolving conflicts, and streamlining development processes, resulting in a 15% increase in project efficiency.
- Utilized browser-based debugging tools proficiently to debug frontend issues, ensuring smooth functionality and optimal performance in web applications.

EDUCATION

Bachelor of Science in Computer Engineering
Rutgers University, NJ

Modern JavaScript in Complete guide, from Novice to Ninja
August 2018
Udemy

React JS- Complete Guide in for Frontend Web Development
September 2018
Udemy

RECENT PROJECTS

- Arby's Cheesesteak Race, 6/10 – 7/10
  - Built a full-stack event-based application for Arby's promotional go-kart racetrack activation, enabling participants to sign up and race in real-time during a live marketing event.
  - Developed the frontend with React and Tailwind CSS to create an engaging, branded user experience for registration, race countdowns, and leaderboard tracking.
  - Engineered a Node.js and Express backend to manage racer sign-ups, store race results, and maintain a real-time leaderboard using a SQLite database
- The Elser Website, 5/25 – 6/25
  - Developed a custom WordPress site for The Elser Hotel & Residences, leveraging PHP and advanced theming to deliver a high-end, performance-optimized digital experience.
  - Customized templates and integrated third-party booking APIs, creating a seamless reservation flow aligned with the client's brand standards.
  - Collaborated closely with designers and stakeholders to ensure pixel-perfect execution, responsive design, and fast page load times across devices.

REFERENCES

Domenico Colandrea — MSCI
Software Engineering Manager Previous Supervisor

(732) 804-8684
Domenico.Colandrea@gmail.com

- AWS
- Systems Design
- Full Stack Web Development
- Jira
- Responsive Web Design
- PostgreSQL
- Unit Testing
- Version Control
- API Development
- CI/CD
- Microservices
- Data Structures
- Algorithms
- Databases
- Code Review
- Agile Methodology
- Communication
- Critical Thinking
- Problem Solving
- C#
- Teamwork