

# Lavinia Nael Alfons

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## FRONT-END DEVELOPER

### SUMMARY

Analytical Front-End Developer with a degree in Mathematics and Computer Science. Expert in building high-performance web applications using React, Tailwind CSS, and JavaScript, paired with extensive experience in WordPress development and custom theme building. Skilled at bridging the gap between mathematical logic and visual elegance to create pixel-perfect, responsive, and SEO-optimized web experiences.

### EDUCATION

#### Mathematics and Computer Science

Graduation Date: August 2025

Faculty of Science - Bachelor's degree

- **Core Coursework:** Advanced Programming (Java, C#), Database Design, and Algorithmic Problem Solving.
- **Focus:** Applying mathematical logic to optimize front-end performance and software architecture.

### TECHNICAL SKILLS

#### Languages:

- HTML5
- CSS3
- Sass
- JavaScript
- TypeScript

#### Frameworks & Libraries:

- React.js
- Bootstrap
- Tailwind CSS

#### Tools:

- WordPress
- Elementor
- Git

### PROJECTS

#### Lavizon || Live: <https://lavizon.netlify.app/>

- Developed a fully responsive e-commerce interface using React to manage dynamic product elements and state.
- Integrated JavaScript for interactive features, ensuring a seamless, modern shopping experience.

#### Fryday Restaurant || Live: <https://fryday-restaurant.netlify.app/>

- Designed and developed a vibrant, mobile-first restaurant site using Tailwind CSS for modular and scalable styling.
- Implemented smooth animations and a responsive grid structure to enhance user engagement across all devices.

#### Windows XP 98 || Live: <https://windowsxp98.netlify.app/>

- Built an interactive mini-game using JavaScript logic to simulate complex legacy desktop environments and custom UI icons.
- Leveraged DOM manipulation and state management to handle multiple interactive windows and retro-styled UI components.

## Lavilist || Live: <https://lavilist.netlify.app/>

- Developed a functional to-do application focusing on Local Storage for persistent data and efficient event handling.
- Applied clean UI principles to ensure a minimalist and intuitive user experience.

## Influenzilla || Live: <https://influenzillaa.netlify.app/>

- A sleek, social-media-inspired design built to experiment with SASS for modular, scalable styling. Showcases reusable UI components and a clean, minimalist aesthetic.

## M00d Playlist || Live: <https://m00dplaylist.netlify.app/>

- Developed a personalized music discovery interface that uses conditional rendering to deliver curated playlists based on user-selected "moods."
- Built a custom state-management system to handle playlist transitions and audio playback logic without external dependencies.
- Applied Tailwind CSS to create a high-impact, thematic visual design that adapts dynamically to the selected user experience.

## WORK EXPERIENCE

Front-End Developer   Procode	Aug 2025 - present
<ul style="list-style-type: none"><li>• Engineering: Architected modular, component-based user interfaces using React and Hooks, ensuring high code reusability and maintainability.</li><li>• Styling &amp; Structure: Developed responsive, mobile-first layouts using Tailwind CSS and Bootstrap, maintaining strict design consistency across all screen sizes.</li><li>• Optimization: Enhanced web performance and SEO scores, utilizing best practices in accessibility and semantic HTML to improve search visibility.</li><li>• Collaboration: Facilitated seamless handoffs between design and development, streamlining the implementation of complex UI features and interactive logic.</li><li>• Created wireframes, prototypes, and user flows to clearly communicate structure and functionality.</li><li>• Applied branding, typography, spacing, and layout principles to produce visually consistent interfaces.</li><li>• Conducted UI revisions based on client feedback to meet both design and business goals.</li><li>• Ensured every design was responsive and adaptable across mobile, tablet, and desktop screens.</li></ul>	