

VINCENT WINKLER

Software Developer

github.com/Driperino

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SUMMARY

Dedicated and highly motivated software developer with a strong foundation in full-stack web and mobile development. Recently completed an intensive 36-week software development bootcamp, mastering front-end and back-end technologies, data structures, deployment strategies, and DevOps practices. Experienced in designing, developing, and deploying scalable applications using modern frameworks and cloud technologies. Leverages AI-enhanced development tools for efficiency and is skilled in problem-solving, team collaboration, and agile methodologies.

TECHNICAL SKILLS

- Programming Languages: JavaScript, TypeScript, JSON, HTML, CSS, SQL
- Frameworks & Libraries: React, Next.js, Node.js, Express.js, React Native, ShadCN, TailwindCSS
- Databases: MongoDB, PostgreSQL
- Development Tools: Git, Docker, CI/CD, Agile Methodologies, OpenWeather API, Mocha & Chai (Testing)
- Concepts: Full-Stack Development, RESTful APIs, Authentication & Security, Data Structures & Algorithms, Mobile Development, Deployment & DevOps, Cloud Computing
- Soft Skills: Problem-Solving, Team Collaboration, Leadership, Time Management, Adaptability, Project Management

SOFTWARE DEVELOPMENT EXPERIENCE

Capstone Project – Full-Stack Web & Mobile Application

- Designed and developed a full-stack application addressing a real-world problem, integrating front-end and back-end technologies.
- Implemented user authentication, session management, and database interactions using MongoDB and Node.js.
- Deployed the project using Docker and CI/CD pipelines for a seamless user experience.

React & Mobile Development Projects

- Built dynamic single-page applications (SPAs) with React and Next.js, utilizing reusable components and state management.
- Developed mobile applications using React Native (EXPO), ensuring cross-platform compatibility for iOS and Android.
- Integrated APIs to fetch and display real-time data efficiently.

Algorithm & Data Structure Implementation

- Implemented efficient sorting, searching, and data manipulation algorithms to optimize application performance.
- Applied problem-solving techniques to build scalable solutions.

PROFESSIONAL EXPERIENCE

Prep Cook – Nanoose Bay Cafe (Aug 2024 – Apr 2025)

- Maintained efficiency and quality in a fast-paced kitchen environment.
- Applied problem-solving skills to ensure smooth operations under pressure.
- Demonstrated adaptability, teamwork, and precision—skills essential for software development.

Head Chef – Little Jumbo (Aug 2022 – Jan 2023)

- Managed a team, trained staff, and maintained high-quality standards—developing leadership and mentoring skills applicable to software teams.
- Conducted cost analysis and process optimization, paralleling debugging and performance tuning in development.

Swing Manager – McDonald's (Feb 2017 – Mar 2019)

- Supervised teams, managed scheduling, and ensured operational efficiency, reinforcing project management and team collaboration abilities.

EDUCATION & CERTIFICATIONS

Software Development Bootcamp – 36 Weeks

- Full-Stack Web & Mobile Development, JavaScript, React, Next.js, Node.js, MongoDB, Deployment, AI-Enhanced Development

Additional Certifications: Agile Development, Git & Version Control, CI/CD & DevOps

PROJECTS

Leaf Matrix

Built with Next.js, ShadCN, and MongoDB. This full-stack web app allows users to track the cultivation and care of houseplants.

<https://github.com/Driperino/capstone-v3>

Note Taking App

Built using Node.js, Express, and MongoDB. It features user authentication, CRUD operations for notes, and a UI styled with Tailwind CSS.

<https://github.com/Driperino/note-taking-app>

Weather App

A simple, responsive weather forecast application built with React that allows users to search for current weather conditions and a 5-day forecast for any city. The app integrates with the OpenWeather API to provide accurate and up-to-date information.

<https://github.com/Driperino/weather-app>

Family Tree Visualizer

This project implements a dynamic family tree data structure in JavaScript using ES Modules. The family tree supports advanced features such as representing relationships, traversing the tree, calculating generational distances, and identifying descendants, siblings, and cousins. Unit tests are provided using Mocha and Chai to ensure the correctness of the functionality.

<https://github.com/Driperino/lesson7>