**PROFESSIONAL SUMMARY**

Full-Stack Web Developer and Software Engineer Lead experienced in designing, developing, and deploying secure, scalable web applications. Proficient in RESTful APIs, React.js, Redux, Node.js, cloud integrations (Azure), and automation testing using Selenium WebDriver. Adept at managing version control workflows on GitHub, leading team meetings, training new developers, and implementing secure authentication mechanisms using JWT and Azure AD.

**TECHNICAL SKILLS**

**Languages & Frameworks:**  
JavaScript (ES6+), TypeScript, HTML, CSS, React.js, React Native, Node.js, Python, Django

**APIs & Cloud:**  
RESTful APIs, Azure Blob Storage, JWT, Azure AD, CI/CD Pipelines, GitHub Actions

**Databases:**  
PostgreSQL, MySQL, MongoDB, Firebase, Sequelize, Redis

**Tools & Practices:**  
Git, GitHub (Pull Requests, Merges, Conflict Resolution), Agile Methodology, Selenium WebDriver, Automation Testing, Unit Testing, Integration Testing, Debugging, Tailwind CSS, Redux, Lazy Loading, Drag-and-Drop UI, dotenv (Environment Management), CSV Data Management

**PROFESSIONAL EXPERIENCE**

**Treevah** — *Chicago, United States*

**Software Engineer Intern**  
*January 2025 – March 2025*

* Developed RESTful APIs for a folder and file management system with structured categorization and batch operations.
* Integrated cloud storage for optimized file uploads and metadata handling using Sequelize ORM.
* Implemented secure authentication with JWT, Azure AD, and Redis caching for session management.
* Built a responsive file management UI with React and Redux featuring chunked uploads, drag-and-drop, and dark mode.

**Lead Software Engineer**  
*April 2025 – Present*

* Led deployment of the alpha-stage application, managing continuous integration and continuous deployment (CI/CD) pipelines to streamline release processes.
* Managed project version control through GitHub, handling pull requests, merging codebases, and resolving complex conflicts to maintain code integrity.
* Facilitated and led all team meetings, promoting effective communication and collaboration across cross-functional teams.
* Directed onboarding and training sessions for new interns, accelerating their integration and boosting overall team productivity.
* Coordinated closely with engineers to uphold code quality, optimize performance, and drive the project through critical development milestones.
* In the process of developing automated test scripts using Selenium WebDriver and JavaScript (Node.js), enhancing test coverage and application reliability.
* Working to design and implement data-driven testing frameworks, including randomized test data generation and automated file logging for output verification.

**PROJECTS**

**Cointrack-Pro** — *(React, WebSocket, CoinMarketCap API)*

* Engineered a crypto tracker delivering real-time pricing for 10,000+ coins using WebSocket and CoinMarketCap API.

**Wellness Waves** — *(React.js, MongoDB, NextAuth)*

* Built a wellness web app offering personalized health plans, tracking goals, and recommending exercises.

**Santas-Sleigh** — *(React, Tailwind CSS, Spotify API)*

* Created a festive Secret Santa app with randomized gift assignment, wish lists, countdowns, and group chats.

**EDUCATION**

**Plymouth State University** — *Plymouth, NH*  
Bachelor of Science in Biology, Chemistry, Neurobiology, and Anatomy, December 2016  
Relevant Coursework: Bioinformatics, Neurobiology, Data Analysis

**CERTIFICATIONS**

* Crash Course on Python — Google *(07/2024 – Present)*
* Foundations of Software Testing — University of Leeds *(08/2024 – Present)*
* Programming Foundations — Duke University *(06/2024 – Present)*

**ACHIEVEMENTS**

* Anatomy and Physiology Fellowship Award — Recognized for academic excellence and leadership with a paid TA role.