

Johnathan Friend

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EXPERIENCE

NCINO | Wilmington, NC

May 2024 – Present

Associate Software Engineer

- Developing products utilizing Service-Oriented Architecture (SOA) to create reusable services.
- Led three engineers to successfully develop & deliver the Capitalized Interest feature for Loan Structuring.
- Developing new features for Automated Small Business and Commercial Pricing and Profitability products (Apex, SOQL, and LWC).
- Supporting new features in the Commercial Pricing and Profitability Engine (AWS Lambda functions + Python).
- Designing automated tests suites utilizing the Cucumber library with TypeScript and Gherkin.
- Resolving bugs & Product Development Issues across many products, improving user experience.

Software Engineer Intern (9 months)

- Creation of a new PDE onboarding project to help onboard new engineers in versioning control and salesforce development using Apex and lightning web components.
- Led an accessibility initiative for document management product, DocMan, to comply with WCAG standards.
- Collaborated on an internal application aimed at improving employee connections for company's hackathon utilizing Angular, Amazon Web Services (AWS), Dynamo DB, and AI-driven features.

Freelance | Wilmington, NC

June 2023 – May 2024

Web Developer

- Specialized in designing custom websites for clients across various industries leveraging HTML, CSS, JavaScript, and WordPress. Created website mockups and prototypes using Figma.
- Conducted market research and analyzed industry trends to effectively reach target audiences.

PROJECTS

Salary Prediction | *Vue, Firebase, AWS, PostgreSQL, Express.js, Python (pandas library)*

Data project that leverages 18 years of Bureau of Labor Statistics (BLS) occupational and industry data, which was cleaned, processed, and stored in a database for efficient analysis. A custom API server and front-end application allow users to explore salary and employment trends by city, state, or industry nationwide, while also generating predictive insights for future wages and employment levels.

Dev Hive | *Flutter SDK, Dart, Firebase*

Android and IOS social media platforms allow software developers to share their stories and achievements and link their projects and GitHub repositories. The platform fosters collaboration and networking among developers, creating a community centered around innovation and growth.

Plan My Journey | *Vue.js, Firebase, Google Maps/Places Api, Open AI Api*

Web app vacation itinerary generator powered by AI to help individuals create itineraries for their next vacation. Users can tailor their itineraries based on preferences like budget, travel style, and destinations, making trip planning seamless and personalized.

King Cat Phishing | *C#, Unity*

Virtual Reality game to teach individuals how to identify common phishing scams. The engaging gameplay and interactive environment make learning cybersecurity principles fun and memorable for players of all ages.

EDUCATION

Computer Science & Information Systems, Masters | University of North Carolina Wilmington

- GPA: 4.0

Computer Science, Bachelors | University of North Carolina Wilmington

- GPA: 3.9
- Concentration in Software Engineering
- Minor in Business
- Dean's list & Degree with Distinction

General Science, Associates | Brunswick Community College

CERTIFICATIONS

Cloud Practitioner | Amazon Web Services

AI Practitioner | Amazon Web Services

SKILLS

Programming Languages – Java, Python, HTML/CSS, JavaScript, SQL, Dart, Apex

Software – Salesforce, Git & GitHub, Database Management Systems, Microsoft suite, Firebase, Flutter, Jira

ORGANIZATIONS

Association for Computing Machinery (ACM), UNCW Chapter

Vice Chair, Fall 2023

Upsilon Pi Epsilon, UNCW Beta Chapter

Member of the honorary society for computing and information disciplines.