

Bill Stephens

Toms River, NJ

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GitHub: github.com/BillStephens2022

Portfolio: billstephens2022.github.io/my_portfolio

Summary

Full Stack Software Engineer with a strong foundation in Accounting and Finance, currently transitioning into the tech industry. Skilled in building and maintaining web applications with a focus on clean code and scalability. Hands-on experience with front-end and back-end development through both professional and personal projects. Adaptable and eager to contribute to collaborative team environments, leveraging strong problem-solving skills and a passion for continuous learning.

Technical Skills

- **Front-End:** JavaScript, TypeScript, HTML, CSS, React.js, Next.js, Angular.js, React Native, jQuery, Bootstrap, TailwindCSS
 - **Back-End:** Node.js, Express, Nest.js, Java, Python, C#, Django, Spring Boot, GraphQL, Apollo Server, REST APIs, DAML, Haskell
 - **Databases:** MongoDB, Mongoose, PostgreSQL, MySQL
 - **Other:** Docker, Kubernetes, AWS, Git, GitHub, GitHub Actions, GitHub Projects, GitHub Codespaces, Playwright, Jest,
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Software Engineering Experience

Software Engineer

LendOS, Fintech — Remote

June 2024 - Present

- Contribute to the development of a full stack web application using **React**, **NestJS**, and **DAML** for smart lending contracts.
- Work on both front-end and back-end features, using **TypeScript**, **HTML**, **CSS**, and **DAML**, actively pushing code to the main branch via **GitHub**.
- Develop and execute unit and integration tests, including **DAML tests** and **Playwright tests**, ensuring high-quality, reliable code.
- Create comprehensive documentation for all DAML choices in the **GitHub project Wiki** to improve codebase clarity and facilitate team collaboration.

- Use **Docker** and **Kubernetes** for containerization and orchestration of the application, deploying services to **AWS** infrastructure.
 - Collaborate with cross-functional teams through **GitHub Projects** for project management and Agile workflow implementation.
 - Familiar with coding in a **GitHub Codespace** environment, optimizing development processes and maintaining consistent coding standards.
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Projects

Corporate Loans

GitHub repo: <https://github.com/BillStephens2022/loans-calc> | Deployed Project:

<https://corporate-loans.vercel.app>

Full Stack educational application for Corporate Loans and Lending. Features a Learning Page for topics related to corporate loans, an Accounting Page that allows users to view and create journal entries for loan examples, and a Fronting Risk calculation page. Data is stored in MongoDB.

- **Technologies used:** Next.js, TypeScript, MongoDB, Mongoose, Chart.js.

Drinking From The Garden Hose

GitHub repo: <https://github.com/BillStephens2022/dftgh> | Deployed Project:

<https://gardenhose.vercel.app>

A full stack Next.js application for podcast management and listener engagement, featuring an admin dashboard for content management, an embedded player, comments, polls, and feedback functionality.

- **Technologies Used:** Next.js, React.js, MongoDB, Mongoose, Cloudinary

BarKEEP

GitHub repo: <https://github.com/BillStephens2022/BarKEEP> | Deployed Project:

<https://barkeep-842cb6903459.herokuapp.com>

A full stack MERN application for cocktail enthusiasts that enables users to search, save, and share cocktail recipes, post photos, and engage with the community.

- **Technologies Used:** React.js, MongoDB, Mongoose, Apollo Server/GraphQL, Cloudinary
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Finance/Leadership Experience (Previous Career)

Vice President – Relationship Lending Controller

Morgan Stanley — New York, NY

2014 - 2022

- Led a team of 7 across New York and Baltimore responsible for maintaining the general ledger and financial reporting for a \$90 billion corporate loan portfolio.
- Collaborated with Technology and other cross-functional teams to analyze and implement new accounting standards such as CECL.

Director – Valuation Risk Group

Credit Suisse — New York, NY

2013

- Managed a team responsible for centrally controlling the Fair Value Disclosure processes across all businesses within the investment bank.

Director – Americas Head of Investment Banking Product Control

Credit Suisse — New York, NY

2008 - 2012

- Managed a team of 15 across multiple locations and contributed to significant projects, including the Fair Value Option project for Corporate Loans and Basel II implementation.

(Note: Total time at Credit Suisse 17 years (1996-2013), promoted 4 times between 1996 - 2007)

Education**Boot Camp Certificate, Full Stack Web Development**

Rutgers University, NJ — 2023

- A 12-week intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, jQuery, Bootstrap, Node.js, Express, MySQL, MongoDB, Mongoose, Apollo Server/GraphQL, Handlebars.js, and React.js.

Master of Business Administration (MBA), Professional Accounting

Rutgers University, NJ — 1996

Bachelor of Science (BS), Administration of Justice

Rutgers University, NJ — 1994