

# Kevin Tam

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## Skills

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**Languages:** Java, TypeScript, JavaScript, Python, HTML, CSS

**Frameworks:** React, Angular, Node.js, Spring, Spring Boot, Hibernate, JPA, JDBC, Express, Bootstrap, Sass/SCSS

**Technologies:** Git, GitHub, PostgreSQL, MySQL, Docker

## Experience

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**Provenir** – Software Developer Intern, Full Stack March 2022 – Present

*Java, Spring Boot, JPA, TypeScript, Angular, Material UI, RxJs, Sass, PostgreSQL, Docker, Kubernetes*

- Modernized a B2B SaaS risk-decisioning platform enabling businesses to intelligently make critical financial choices based on 20+ ingestible data sources, contributing to \$25,000+ in gained monthly revenue across 5 new businesses.
- Resolved 5+ major severity tickets for Q2 & Q3 2022 releases by migrating features from the legacy 1.0 monolith to the 2.0 brand-new, cloud-native 25+ microservice backend and a responsive SPA frontend.
- Accelerated parameter config time by 15% by identifying and properly parsing API responses from a core microservice.
- Improved development efficiency by 5% by writing 2 new tools to help with initializing and running local environments.

**CARE International** (via Develop for Good) – Software Developer Volunteer November 2021 – March 2022

*React, Redux, TypeScript, Apollo, Material UI, Sass, Node.js, Python, Django, GraphQL, PostgreSQL*

- Enhanced an application enabling healthcare staff across 20+ facilities to schedule & track patient visits and their data.
- Boosted overall app performance by up to 2.5x by lazy-loading and code-splitting 21 React components on the frontend, in addition to rewriting 12 API endpoints on the backend to stream data to the frontend over time with infinite scrolling.
- Increased clinic attendance by 30% by integrating the Twilio API with the backend to notify users about appointments.

**Shaw** – Software Developer Intern/Co-Op, Fall 2021 Rotation August 2021 – December 2021

*Java, Spring Boot, Hibernate, JPA, TypeScript, Angular, RxJS, NgRx, Bootstrap, PostgreSQL*

- Developed an application enabling admins to quickly manage employee accounts over LDAP and grant required access across 20+ services, resulting in 40% increased work efficiency across 3,500+ accounts.
- Shortened new hire email creation time by over 85% by implementing a feature to automatically populate new employee data into 3 systems through various internal REST APIs and SOAP web services.
- Accelerated bulk account operations by 3x by writing a custom parser to analyze and run tasks on outstanding tickets.

**Micron** – Software Developer Intern, MT Systems May 2021 – August 2021

*Java, Spring Boot, JDBC, TypeScript, JavaScript, React, Bootstrap, PostgreSQL*

- Modernized a large-scale project management application that enables users to create, edit, and manage tasks with over 1,300 modular task form templates, resulting in a 35% performance gain over the previous version.
- Saved over 20 hours/month by implementing a feature to edit metadata in the app instead of manual database editing.
- Implemented 5+ new quality-of-life improvements, including a streamlined drag-and-drop field editor with a live preview.

**Shaw** – Software Developer Intern/Co-Op, Spring 2021 Rotation January 2021 – April 2021

*Java, Spring Boot, Hibernate, JPA, Node.js, Express, JavaScript, React, Bootstrap, PostgreSQL*

- Reclaimed over \$47,000/month across 2 teams within the organization by building applications to speed up workflows.
- Improved feature release time by 30% by creating a tool to generate, debug, and reset sandbox testing environments.

**Brooklyn College Computer Science Club** – Software Developer & Executive Board Member June 2020 – May 2021

*TypeScript, JavaScript, Node.js, Express, React, Redux, Next.js, Bootstrap, Sass, MySQL*

- Developed a portal and REST API handling 70,000+ requests/month to provide 500+ members with digital club access.
- Streamlined onboarding for 200+ new members by integrating Mailchimp's API to subscribe and send welcome emails.

## Education

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**City University of New York, Brooklyn College**

Bachelor of Science in Computer Science

Expected: December 2022

Major GPA: 3.6/4.0, GPA: 3.4/4.0