Keenan Kua

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Work Experience

Development Team Lead   *Feb 2023 – Present*
Habitat Learn   Toronto, ON

- Development team lead for the Messenger Pigeon Desktop application, a captioning and note-taking tool leveraging AI to enhance the learning experience for students (*www.habitatlearn.com/product/messenger-pigeon*) [Vue, Electron, Node.js, GraphQL, AWS, Sass]
- Core front-end developer of the Messenger Pigeon team since inception, encompassing initial planning and conceptual stages through to the MVP release and ongoing evolution
- Mentor two developers on the Messenger Pigeon Desktop team, delegating tasks and providing support to ensure team productivity and delivery of successful implementations on-time
- Effectively collaborate with cross-functional teams using Agile methodologies to identify, prioritize, and delegate requirements
- Coordinate and execute production releases, from build and code-signing to crafting detailed release notes and publishing

Front-End Developer   *Aug 2020 – Feb 2023*
Habitat Learn   Toronto, ON

- Solely developed and maintained the company's marketing website, including a sign-up flow for users and organizations, guaranteeing compatibility and responsiveness across various devices (*www.notetakingexpress.com*) [React, Redux, Gatsby]
- Spearheaded development of Messenger Pigeon Desktop's note-taking feature, one of the application's key functionalities
- Engineered an efficient algorithm to address the complex challenge of preserving user input while integrating real-time speech-to-text data from Google and Deepgram SDKs
- Upheld development best-practices such as code reviews, feature branching, and reuseable code to ensure a high-quality and maintainable codebase

Software Developer Intern   *May 2018 – Aug 2019*
CaseBank Technologies   Toronto, ON

- Responsible for the development and refinement of various features of the SpotLight application, collaborating closely with other developers, IT staff, QA teams, and project managers for optimal results [Java, MSSQL, Hibernate, Spring, GWT, HTML, JSP, JavaScript]
- Managed routine translation of SpotLight resources including development and maintenance of tools for automating resource generation and integration back into source control, as well as facilitating communication between project managers and translation agency
- Implemented WAF rule and FaaS function for time-sensitive token authentication regarding information access for key customer
- Addressed and resolved critical security vulnerabilities, including server protection against XSS attacks, securing sensitive details, refining error handling processes, and implementing secure logging

Education

University of Toronto   *2016 – 2020*
Bachelor of Science (Computer Science Specialist), GPA: 3.79/4.0; Dean's List   Mississauga, ON

Skills

Languages: Vue, React, Javascript, HTML, CSS, Sass, Vuex, Redux, PostgreSQL, GraphQL, Java, C
Tools: AWS, Node.js, Webpack, Git, Figma, Zeplin, Jira, Agile, Electron, MySQL, Maven, Jenkins
Traits: Attention to detail, fast learner, creative, responsible, diligent, resourceful, positive