

Joseph Gefroh

Full-stack software engineer
specializing in **leading teams**.

joseph.gefroh@gmail.com • jgefroh.com • github.com/jgefroh

Professional Experience

Co-Founder / Principal Software Engineer at HNL.IO Aug. 2015 - Present

- **Architected** SaaS application, **designed and programmed modules** including automated event calendar scheduling, 3rd-party integrations, discussion forums, and project showcases.
- **Managed team of 2-5** full-time engineers and contractors as a remote-first team lead, provided mentoring, defined development processes, and resolved personnel issues.
- Launched single-page application MVP less than 2 months after starting, using Ruby on Rails, Redis, Postgres, and AngularJS.

Tech Lead / Software Engineer at eWorld Enterprise Solutions Aug. 2013 - Aug. 2015

- **Led teams of 2-5** and was **principal programmer** on multiple projects; two solutions **won distinction** as best-of-breed ERP replacement systems and generated over \$1,500,000 in revenue.
- **Improved effectiveness of engineering teams** within organization by spearheading initiatives and training development teams to utilize AngularJS, agile development, Git, Slack, UX, and secure coding practices.
- **Designed and programmed** multiple enterprise systems such as grant managers and payroll trackers using AngularJS, Java EE, and Google Web Toolkit.

IT Technician / New Hire Trainer at Hawaii Pacific University Jan. 2011 - Feb. 2013

Education

B.S. in Computer Science from Hawaii Pacific University Aug. 2009 - Dec. 2012

- 3.99 GPA, graduated summa cum laude
- Nominated valedictorian by the Department of Math and Computer Science.

Open Source Projects github.com/jgefroh

- Designed and programmed a **task manager and hourly bucket tracker** with a Java EE REST API and AngularJS front-end (todolist.jgefroh.com).
- Designed and programmed a **simulation framework** with a flexible component-entity architecture written in Java (github.com/jgefroh/core).
- Designed and programmed an **arcade game** utilizing Core demonstrating immediate-mode rendering techniques and real-time input response using Java (github.com/jgefroh/core-last-stand).
- Designed and programmed an **end-to-end system generator** that scaffolds a functional Java EE/AngularJS prototype from a domain model (github.com/jgefroh/hog).
- Designed and programmed a **drawing tool** using JavaScript (palette.jgefroh.com).