Matthew Marichiba

matthew@marichiba.com | 831.252.9062 | Santa Cruz, CA
github.com/MatthewMarichiba | linkedin.com/in/MatthewMarichiba

At a Glance: Business brain. Hacker hands. Designer spirit. Human heart.

- **Me**: Engineer and big-picture technologist with diverse business experience combining people skills, technical prowess, and organized management to get things done.
- **Goal**: Work with a team I love. Develop products that excite me and have a positive impact on humanity. Learn continuously.
- **Specialties**: Full-stack web development, team leadership, project & program management.
- **Recent technologies**: Angular, Node.js, Javascript/Typescript, AWS infrastructure, Linux, SQL, ngrx/redux, Swagger/OpenAPI, Jenkins CI/CD, Web Audio API

Professional Experience

productOps, Software Engineer & Team Lead, 2014 - 2019

- Over the course of 5 years, I worked as a software developer, team lead, and project manager on multi-million-dollar projects.
- Built ed-tech web apps and plugins based on Angular front-end and Node.js Express back-end.
- Lead development, test, and deployment efforts using Agile practices and daily scrum.
- Facilitated team conversations at all levels, from database schema with engineers to product strategy with clients.
- Developed best practices for automated browser testing and integration testing.
- Executed multiple data migration projects, moving large amounts of structured data between business systems.
- Focused on company culture and productivity.
  - Mentored new employees to accelerate ramp-up time.
  - Facilitated engineering "book club" tackling software engineering topics one chapter-per-week.
  - Developed & delivered new-hire trainings to cement the company's collaborative engineering culture.

Looker Data Sciences (acquired by Google), Data Analyst Writer, 2014

- I was hired as the first person dedicated to managing product documentation.
- Developed and delivered virtual class on programming LookML, a language for modeling SQL databases.
- Managed all documentation for Looker BI analytics software, including LookML language spec.
- Oversaw transition of docs platform from Jekyll to Statamic CMS to improve maintainability and agility.

MapR Technologies (acquired by Hewlett Packard Enterprise), 2012 to 2014

Sr. Curriculum Developer, 2013 to 2014

- Grew Curriculum Development team to six, managing on-boarding and ramp-up plans for new hires.
- Created curriculum for Apache HBase schema design, including Java programming labs.
- Assisted in curriculum design and review for MapReduce programming in Java course.
- Scripted class lab environment setup, instantiating 10-node Hadoop clusters in Amazon AWS EC2 cloud.

Technical Content Creator, 2012

- Researched and wrote technical documentation for all aspects of MapR's Hadoop distribution.
- Authored installation and upgrade documentation for the MapR distribution of Apache Hadoop for Redhat and Ubuntu Linux environments.
- Wrote Confluence Wiki plug-ins to programmatically render docs pages.

References available upon request.

Matthew Marichiba

matthew@marichiba.com | 831.252.9062 | Santa Cruz, CA
github.com/MatthewMarichiba | linkedin.com/in/MatthewMarichiba

Marichiba Consulting, Principal, 2008 to 2012

Managed projects and programs for clients lacking time, capacity, or know-how. Clients include:

- Hunter Finnell Media – Designed and developed website and blog, showcasing the company's services with rich embedded video. Wrote all web copy. Administered the website, including all online video content.
- In3 Finance – Designed and developed website. Turned around complete website in under three weeks, focusing on polished, established look and feel for a financial services company.

Altera Corporation (acquired by Intel), 1997 to 2006

Publications Manager and Documentation Engineer, Altera Santa Cruz, 2003 to 2006

- Started a documentation group for Altera's system-on-chip design tools.
- Performed UI testing on alpha software, working with design team to improve user experience.
- Wrote and reviewed example C code for embedded processor systems.
- Translated "Engineerese" into English to produce clear, organized documentation.

Product Marketing Engineer, Altera Santa Cruz, 2001 to 2003

- Developed and managed marketing campaigns for Altera's microprocessor products.
- Served as liaison between field and factory. Developed training for customers and sales force.

Field Application Engineer, Altera Japan, 1997 to 2000

- Served as Altera's front-line of technical support in Japan.
- Trained customers on designing for FPGAs in Verilog and VHDL hardware description languages.

Recent Projects & Other Interests

- **Web Audio API** – As a lifelong musician I am enjoying playing with the Web Audio API to make music entirely within a browser.
- **Santa Cruz Sunrise Rotary** – Rotary Club is my primary avenue for community service these days.
- **What Is Hadoop? video series for MapR** – A five-part introduction to Big Data and Hadoop technologies.
  - #1 hit on YouTube for search term "MapReduce" with 75,000+ views.
- **ShareDiddy** – An app to catalog, coordinate, and share physical goods among users' social networks.
  - Produced prototype in two days using Agile "micro sprints" with a team of four at TechRaising 2012 Hack-a-Thon
  - Designed product concept, app functionality, and use-case storyboards. Project was admitted to Founders Institute.
- **jTab Guitar Tab Shortcode** – WordPress plug-in that integrates the open-source jTab JavaScript library into a WordPress shortcode to easily render guitar music notation in a blog. 800+ installations.
- **International Experience** – Fluent Japanese language; lived in Japan for four years as a FPGA chip engineer.

Education

Bachelor of Electrical and Computer Engineering, Bachelor of Science, Computer Science

University of Minnesota, Duluth – Graduated 1996, *magna cum laude*. Minor in Mathematics.

MBA in Sustainable Management

Presidio School of Management, San Francisco, CA – Graduated 2009.

References available upon request.