

# MARISSA KATHRYN CALLAHAN

✉ MARISSA.CALLAHAN@GMAIL.COM • 📞 (617) 539-6693

🏠 CALLA-MARI.GITHUB.IO [in](#) /MARISSA-CALLAHAN • [🐙](#) /CALLA-MARI

## QUALIFICATIONS

---

Full-stack web developer experienced in problem solving, critical thinking, planning, and project management. Previously a Formulation/Analytical Chemist with 10+ years of pharmaceutical experience in drug substance and drug product development, looking for a fulfilling and challenging career with less geographical restriction.

## EXPERIENCE

---

### Web Development Immersive, General Assembly (Fall 2018)

#### *Full Stack Developer Fellowship*

- Trained in various programming languages during a 12-week immersive program focusing on web development tools and best practices
- **Store mApp**
  - Developed single page application that allows user to create shopping lists, which get sorted automatically based on the layout of the stores.
  - Built with React, Node JS, and Rails back end.
- **Xobpord**
  - Single page application that allows user to upload files into an AWS file bucket.
  - Built using JavaScript with HTML/CSS/Handlebars front end, MongoDB, AWS (S3) back end.
  - Group project using pair programming, took the lead in planning, front end/UI.
- **Dive Log**
  - Developed front-end JavaScript application, with HTML and CSS, and rails API from scratch. Application provides secured login with user authentication and record various dive information.

### Scientist I, Tarveda Therapeutics (2015 – 2018)

#### *Formulation Development*

- Spearhead formulation development for the early drug discovery program.
  - Developed a fit-for-purpose method to streamline formulations analysis.
  - Trained interns and colleagues on various projects and instrumentation along with managing interdepartmental workflow.
- Key contributor in the development of clinical formulations for lead candidates.
  - Designed and executed crucial experiments for clinical candidates.
  - Devise various studies to improve drug formulations in preparation of dose escalation and Phase II clinical studies.
  - Assisted with writing up Clinical Pharmacy Manuals and FDA filings.
- Additional responsibilities include lab organization and management, waste management, safety committee membership, IATA and DOT certification for shipping hazardous goods.

## SKILLS

---

- JavaScript
- React
- Rails
- HTML/CSS
- Node
- Ruby
- SASS/SCSS
- jQuery
- AJAX
- Bootstrap
- SQL
- Express
- Git

## EDUCATION

---

### Univ. of Massachusetts Amherst

- M.S. Chemistry
- B.S. Chemistry, Magna Cum Laude
- B.S. Biochemistry and Molecular Biology, Magna Cum Laude

## INTEREST

---

- Landscape Photographer