

# Panambur Pawan Bhandarkar

100 N Whisman Road, Mountain View, CA

Email : pawan@bhandarkar.me

Mobile : +1-650-537-7341

Portfolio: <https://bhandarkar.me>

Github: <https://github.com/BhandarkarPawan>

Linkedin: <https://www.linkedin.com/in/bhandarkar/>

## SUMMARY

---

Front-end specialist with full stack knowledge in software engineering. My professional credo is to write code that is not just fast, modular, and well-tested, but also simple for others to understand, extend, and integrate. Even with different team dynamics, my attention to "the little things" and propensity for communication allow me to continually outperform expectations.

## EDUCATION

---

### Carnegie Mellon University

*Master of Science in Software Engineering*

**Courses :** Foundations of Software Engineering, Software Verification & Testing, Software Requirements & Interaction Design

Mountain View, CA

Aug 2022 - Dec 2023

### NMAM Institute of Technology

*Bachelor of Computer Science; GPA: 9.8/10*

**Courses :** Data Structures, Design & Analysis of Algorithms, Object Oriented Modelling & Design, Linear Algebra & Probability

Nitte, India

Jul 2016 - Apr 2020

## SKILLS

---

**Languages:** JavaScript, TypeScript, Python, React, Redux, SQL, HTML5, CSS3, GraphQL, Java

**Tools:** Git, Figma, Postman, Jest, Docker, EJS, Sass, JUnit, EcmaScript 6

## EXPERIENCE

---

### Team AIBOD Inc.

*Full Stack Engineer*

Fukuoka City, Japan

Feb 2020 - Apr 2022

- **Frontend:** Fast-tracked delivery of 2 major customer projects by developing 50 separate UI components with React, TypeScript and IO-TS, resulting in a 10% increase in annual revenue.
- **Backend:** Optimized the Point of Sale by building a REST API server with Python and Flask to handle payments in isolation from the backend resulting in a 30% performance improvement.
- **Querying:** Initiated the use of GraphQL in the company by engineering a search system with Apollo and Ariadne producing performant, well-documented code, later reused in 3 other projects.
- **Testing:** Enabled the team to deploy with confidence by developing test suites with Jest and unittest with over 80% code coverage and integrating with CI/CD pipeline.

## PROJECTS

---

### Emergency Social Network | TypeScript, Express, MongoDB, Postman

Aug 2022 - Present

- Leading a team of 5 students to develop the app with a focus on usability, maintainability, and robustness.
- Planning, scoping, and delegating work using over 20 UML diagrams produced through Object Oriented Analysis and Design.
- Mentoring team members in JavaScript, HTML and CSS to generate test-driven code that meets project specifications.
- Spearheading UI development with Figma prototypes, resulting in a clean visual design aesthetic.

### Better Donations | Jama, Miro

Aug 2022 - Present

- Identified stakeholder needs by analyzing data gathered through interviews with 4 distinct domain experts.
- Generated primary and secondary personas along with affinity diagrams to drive brainstorming of design concepts.
- Created 5 storyboards with unique solutions to problems including volunteer management, scheduling, and estimation.

### Refriendo | React, Redux, TypeScript, Styled-Components, Figma, Git

Oct 2021 - Jul 2022

- Demonstrated a proof-of-concept for the idea through rapid prototyping that exceeded customer expectations and resulted in securing seed funding from 2 major stakeholders.
- Designed and implemented over 100 UI components with a mobile-first approach using React, CSS, and TypeScript.
- Applied modern CSS techniques including grid and flexbox, resulting in a highly responsive and accessible UI.

## LEADERSHIP

---

**ECE Graduate Organization Student Leader:** Representing 160 ECE students and facilitating inter-departmental collaborations at Carnegie Mellon University

**Mentor, Applied CS with Android:** Trained 300 students on Java programming by conducting 2 workshops and building 5 Android applications

## HONORS

---

**Youth Icon:** Won first place in a national public speaking competition among 5000 participants in March 2019.

**Sakura Science Fellow:** Selected among 264 students as an Exchange Student at Ritsumeikan University, Japan in July 2019.