



# Sartaj Chowdhury

Senior UI Engineer + Product Designer  
Startup, Enterprise, & Open Source

sartaj.me

Open Source: [github.com/sartaj](https://github.com/sartaj)

Recommendations: [linkedin.com/in/sartajchowdhury](https://www.linkedin.com/in/sartajchowdhury)  
[sartaj@sartaj.me](mailto:sartaj@sartaj.me) | 972-765-2286

## SENIOR UI ENGINEER

I can work in any ES focused environment (React, Angular, ES6 & beyond, Flow, TypeScript). I excel with functional JS programming, Observables, React Native, Electron, and JS DevOps.

## PRODUCT DESIGNER

I focus on conceptual design, information architecture, interaction design, motion design, design thinking, & design process.

## DESIGN/ENGINEERING MANAGEMENT

I maximize relationships between different talents and personalities through a deep understanding of communication theory and cognitive science.

## Professional

### Northern Trust

#### CONSULTANT - DEVELOPER EXPERIENCE | 17-18

- Developed CLI tools for developing and deploying apps that aggregate React and Angular
- Designed custom Webpack builds that could build both TypeScript and Flow/JSX projects
- Engineering core CSS system used throughout multiple teams
- Consultant on intricacies of implementing a design system across multiple teams

Used: React, Webpack, Flow, TypeScript, ES6, PostCSS, Bamboo, Code Reviewer, JIRA

### Mayu

#### FOUNDER - APP ENGINEERING | 16-18

- Developed App that can deploy to multiple targets using React Native, including Desktop with Electron
- Engineering bluetooth communication system for low latency music performances
- Created esops, a tool that allows for publishing React Native projects to multiple marketplaces

Used: React Native, Electron, Bluetooth LE, Internet of Things

### Whole Foods

#### CONSULTANT - SOFTWARE ENGINEERING LEAD - 365 BY WHOLE FOODS | 16-17

- Maintained and improved full stack React/Redux/Falcor/Node.js project
- Helped DevOps manage AWS Lambda, Elastic Beanstalk, & CI Builds
- Led code reviews
- Managed and trained junior engineers
- Managed and maintained enterprise production deployments
- Improved code quality with document generation & static analysis

Used: React, redux, ES6, Radium, Express.js, Falcor, Bamboo, Code Reviewer, JIRA

# Visa

## SENIOR SOFTWARE ENGINEER + DESIGN LEAD | 14-16

- Architected solution for large scale web ecosystem
- Coded core components in literate programming format
- Developed multiple dependency free micro-libraries
- Helped product teams by creating conceptual design and core information architecture for large scale product offering
- Helped managers design new business and design processes to maximize Web Component architecture
- Helped multiple teams instill human centered design (design-thinking) practices
- Trained developers on reactive development

**Used:** *React, rx.js, redux, ES6, riot.js, FRP, Web Components, Polymer, D3, Sketch, Invision, Principle, JIRA*

# Vyze

## SOFTWARE ENGINEER - UI ARCHITECT | 12-14

- Lead front end designer, developer, and architect of next generation UI product
- Designed developed easily customizable white labeled UI's for use in enterprise retail environments
- Managed junior developers and trained them on Angular.js
- Modularized code with Angular modules for code reuse within web app and e-comm widget forms

**Used:** *Full Angular.js stack, JSDocs, Grunt, Scala, Play, Django, JIRA*

# Hack Reactor Code School

## JAVASCRIPT TEACHER | 14

- Taught Angular, JavaScript, CSS, & Web Design Fundamentals

**Used:** *Ruby on Rails, Angular, jQuery, Authorize.NET, Magento*

# Vysk Security Communications

## WEB CONSULTANT | 14

- Redesigned eCommerce site as interactive spa site

**Used:** *Angular.js, Authorize.NET, Magento*

# Jackrabbit Mobile

## UI ENGINEER/UX DESIGNER/PM | 12-13

- Lead UI development and PM for medical web/mobile SPA application, dedicated to analyzing 8 million relations between every side effect reported in the United States
- Managed 5 developers (3 .NET, 2 iOS) to develop award winning transportation app eventually acquired by Daimler

**Used:** *paper.js, backbone.js, express.js, Django, Neo4j, iOS, XIB*

# Shango

## USER EXPERIENCE DESIGNER | 11

- Designed/Wireframed UI for flagship application
- Designed/Developed 3 HTML5/Javascript interactive advertisements
- Developed/Maintained company website

**Used:** *Balsamiq, Spring MVC, jQuery, ModX, Hype*

# Projects

## **esops**

Learn once. Publish anywhere. A 1 stop DevOps tools to develop and build React Native, Electron, Arduino, and Node.js Applications

## **kefir.js**

Docs contributor to very popular js FRP library.

## **Clear Touch DJ**

Hardware project designed to allow DJing on a see-through touch screen.

## **riot-animate**

Animate Riot.js. Inspired by ng-animate.

## **ob-scene**

Reactive animation library for infographics.

## **pomodoro-iot**

Real world environment reacting to reactive js rhythm timers.

## **lean-web-components**

Lazy load Web Components.

## **Search Engine Icon Transition**

Concept design on an icon transition.

## **Be United. Be Yourself.**

self-made social network that capped at 1mil page view/month.

# Education

## **University of Texas at Austin | 2011**

B.A. Rhetoric & Writing | Business Administration

*Focus: Digital Rhetoric and Classical Persuasion*