

EMPLOYMENT

Software Engineer **Egen Solutions** **July 2019 - Present**

- Working in an Agile team of a health-tech startup client as a front-end engineer
- Developing the front-end for a data-driven application using React, Redux, and TypeScript tested with Enzyme
- Developing a RESTful API written in Python, Flask, and Postgres tested with PyTest
- Contributing to the data engineering pipeline using Airflow and Google Cloud Platform
- Maintaining an error-tracking dashboard built with Airbrake, and capturing insightful user-activity with Pendo
- Contributing to IAC tools using Terraform, and working with Concourse, Jira, InVision, and Datagrip

Software Engineer, Intern **Live In Bing** **September 2018 – May 2019**

- Researched and co-developed a machine learning based roommate matching web app
- Organized an existing WordPress website to allow version control, peer reviews, and custom content
- Developed an apartment finder web app with filters and sort features
- Worked with Python, Django REST Framework, React, Redux, JSON, Postman, Bootstrap, PHP, CSS3, and Git

Software Engineer, Intern **StratiFi Technologies Inc.** **May 2018 – August 2018**

- Worked in a small, agile engineering team of a young, disruptive FinTech startup in San Francisco
- Developed the UI for multiple projects using Bootstrap, Chart.js, D3.js, and JQuery
- Developed the front-end for several projects using React, Redux, Handlebars, SCSS, Bootstrap, and Docker
- Led the migration of a huge static website to WP-Engine, and set up Mailchimp forms to handle subscribers
- Worked with Django REST Framework, Jira, Confluence, CircleCi, Netlify, Git, AWS S3, MySQL, and Postman

Full Stack Web Developer, Intern **Yoddhas** **June 2016 – December 2016**

- Worked in a team of four interns to develop the UI of the marketing website
- Developed a community forum and crowdfunding campaigns in PHP, JavaScript, CSS3, MySQL
- Coordinated with the founder to design wireframes and helped connect cancer victims to the NGO

EDUCATION

Binghamton, NY **Binghamton University** **August 2017 – May 2019**

- Master of Science in Computer Science
- Coursework: Programming for Web, Software Engineering, Programming Languages, Information Retrieval, Database Systems, Design and Analysis of Algorithms

Navi Mumbai, India **University of Mumbai** **August 2012 – May 2016**

- Bachelor of Engineering in Electronics
- Coursework: Programming in C, Computer Networks, Digital Image Processing, OOP

TECHNICAL EXPERIENCE

Projects

- **Personal Website** – <https://sahilkolwankar.com>. Made from scratch with SCSS, JavaScript, Git, and Netlify
- **CoViD-19 Data Visualizer** (2020). React, React Charts, Redux, MongoDB, MongoDB Atlas, Node, Express.js
- **Group Events Planner** (2018). Web app that lets users create events – study sessions, club events, and outdoor events; and lets others register to the events. Ruby, Rails, Cucumber, RSpec, MySQL, HAML, SASS
- **Web Based Document Search** (2018). Single-page RESTful web app that searches a query string across local files and returns a paginated list of results. React, MongoDB, Express.js, Node.js, JSX, CSS3, JSON, and JQuery

ADDITIONAL EXPERIENCE AND AWARDS

- **Convener, Student Association (2015-2016)**: Organized a technical festival, hosted a graduation ceremony, managed members of the organization, and obtained several sponsorships for the events.

LANGUAGES AND SKILLS

- HTML5, Handlebars, CSS, CSS modules, Sass, JSS, Bootstrap
- JavaScript, TypeScript, React, Redux, Enzyme, Node.js, Python, D3.js, Chart.js, JQuery, PHP
- MongoDB, PostgreSQL, MySQL, Git, Jira, Netlify, Airbrake, Docker, Jenkins, AWS S3, GCP, WP-Engine
- Airbrake, Pendo, Google Analytics, Google Tag Manager, InVision, Adobe Illustrator and After Effects