Sahil Vinayak Kolwankar

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Education

Binghamton University, State University of New York, Watson School of Engineering
Master of Science in Computer Science, Fall 2017 - present

Mumbai University, Datta Meghe College of Engineering
Bachelor of Engineering in Electronics Engineering, August 2012 - May 2016

Technical Skills

- HTML5, HAML, Handlebars, Mustache, CSS3, SASS, and Bootstrap 4.
- JavaScript, PHP, Python, Ruby, and C.
- React.js, Redux, Express.js, Node.js, D3.js, Chart.js, PDF.js, JQuery, Lodash, and Rails.
- JSON, MySQL, MongoDB, and SQLite3.
- Docker, Babel, Grunt, JSLint, AWS (C9 and S3), WP-Engine, Git, Netlify, CircleCi, Jira, Basecamp 3, and Agile.
- Adobe Illustrator, Adobe Photoshop, Adobe XD, and Adobe Audition.

Professional Experience

Live In Bing, Software Engineer Intern   Binghamton, NY, **Fall 2018 & Spring 2019**
- Developing a WordPress website in Bootstrap4 and PHP with:
  - A machine learning based roommate & apartment matching app, using a modified Irving's algorithm, and written in Python, using a MySQL database.
  - An apartment finder app written in JavaScript with JQuery, and PHP, using a MySQL database.
- Working with JavaScript, JQuery, MySQL, Python, PHP, CSS3, Basecamp 3, Git, GitHub, and AWS (S3 and C9).

StratiFi Technologies Inc., Software Engineer Intern   San Francisco, CA, **Summer 2018**
- Worked in a small engineering team of a young, disruptive FinTech startup funded by Y-Combinator and others.
- Developed the UI for multiple projects, co-ordinated with the Product Manager and Graphic Designer to have pixel-perfect designs for all platforms using Bootstrap4.
- Developed the front-end for multiple projects in JavaScript using React, Redux, Handlebars, SCSS, CSS3, and Docker.
- Developed a WordPress website in PHP, worked with WP-Engine, MySQL Databases, and PHPMyAdmin.
- Gained experience in working with CircleCi, Netlify, Jira, Git, AWS S3, and Agile Software Development.

Yoddhas, Full Stack Web Developer Intern   Mumbai, **June 1st 2016 - December 31st 2016**
- Collaborated with a team of 4 to develop the WordPress based website of the NGO.
- Developed a PHP based community forum for the website.
- Designed the new user interface of the website for desktop and mobile use with Bootstrap and JQuery.
- Designed an online crowdfunding campaign in PHP for cancer victims.

Project Experience

Binghamton University, Group Events Planner in Rails   Binghamton, NY, **Fall 2018**
- Developed a web application with fellow students to:
  - Extract data from the daily B-Line emailing system to update the events list and let users join them, or save them.
  - Let users create outdoor events and carpool with the students who register.
  - Let users create study sessions, notify the users who study the same course, let them register, and automatically book a group study room in the library.
- Worked with Ruby, Rails, Cucumber, RSpec, SQLite3, HAML, JavaScript, JQuery, and CSS3 with Bootstrap4.
- Gained experience in AWS C9 workspaces, Pivotal Tracker, Agile Software Development, Pair Programming, Project Management, Software Engineering Architecture and Models, Relational Databases, Scrum, and GitHub.

Binghamton University, Single Page React App for Searching Documents   Binghamton, NY, **Fall 2018**
- Developed a web app that lets users:
  - Search for single or multiple terms in a collection of online documents and returns the results on the same page.
  - Add or delete documents from the database, and view documents from search results.
- Worked with the MERN stack - MongoDB, Express.js, React.js, and Node; and JSX templates, SCSS, and JQuery.
- Built RESTful web services in the MERN stack, worked with HATEOAS, and used JSON objects to work with data.

Binghamton University, Machine Learning Based Spam Detector   Binghamton, NY, **Fall 2017**
- Collaborated with 4 fellow students to develop a machine learning based spam detector in Python and Haskell.
- Utilized Naive Bayes and Random Forest algorithms to train the models, and implemented the code in IPython.

Leadership Experience

Electronics Engineering Students' Association, Convener   Navi Mumbai, **July 2014 - May 2015**
- Served as convener of a student council of over 500 students for one academic year.
- Organized the annual technical and cultural festivals by collaborating with other student councils.
- Organized and led meetings of the student council addressing and finding solutions to a number of issues.
- Served as drafting head of the college to communicate with local authorities to organize the annual events.

GitHub	LinkedIn	YouTube	Twitter
@sahilkolwankar	linkedin.com/in/sahil-kolwankar-0285915b/	channel/UCRjEa7CLM6MMIv_C6R10vzg	twitter.com/sahilvkolwankar