Sai Nikhil Bheemanathini

Front-End Engineer

A passionate developer who brings creative ideas from areas, including networking & data storage, security, UI/UX design, and progressive web applications with a strong understanding of the entire web development process and adaptable to any work environment.

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WORK EXPERIENCE

Front End Engineer
QOMPLX, Inc

01/2019 - Present   *Reston, VA*

- Develop user interface and functionality for QOMPLX:OS platform (Universe) to support core user interactions and account & identity access management.
- Developed and maintain UI component libraries (private npm packages) with ~25 components which are used in several products of QOMPLX:OS.
- Migrated application styling framework from Vue-material to Vuetify resulted in writing less custom styles, less redundant class names and reducing build size by ~20% .
- Built and shipped UI of multiple products (~4) within a tight deadline of 45-60 days.
- Improved performance of the Keycloak IAM templates by ~75% using techniques like lazy loading, minifying & bundling files, caching following metrics like web core vitals with Lighthouse.
- Serve as a member on the interview panel for Front End Engineer role and so far interviewed ~30 candidates.

Front End Engineer
Pépulab

09/2017 – 09/2018   *Cincinnati, OH*

A start-up founded with a mission to develop a platform that connects hourly job seekers and hiring managers.

- Translated UI/UX design wireframes to live visual elements of the application.
- Refactored source code down to 35% of its original size for an entire application.
- Utilized RxJS library to load data asynchronously and perform data operations on the fly which boosted application performance by ~15%.
- Optimized the application for speed and scalability with page load times less than ~2 seconds.
- Fixed bugs and memory leaks with periodic code reviews among peers following the agile methodology which resulted in ~55% boost in performance on mobile devices.

Freelance Web Developer
Self-Employed

08/2016 – 08/2017   *Cincinnati, OH*

Worked on several projects as a freelancer on Freelancer and Fiverr

- Introduced clients to cutting-edge graphic design solutions that increased page hits, new customer acquisition and retention, and sales by as much as 20%.
- Performed the duty of fixing the technical issues related to the designing and programming of ~6 websites.
- Successfully optimized and refactored a client website for speed, scalability, and search engine which improved page rank by ~75%.

EDUCATION

Master's degree in Information Technology
University of Cincinnati

2016 -2019   *GPA 3.93/4.00*

Bachelor's degree in Electronics and Communication
Jawaharlal Nehru Technological University

2012 -2016   *GPA 3.81/4.00*

TECHNICAL SKILLS

Technologies
HTML, CSS, SCSS, JavaScript, TypeScript, Python, NodeJS, WordPress

Frameworks/ Libraries
jQuery, AJAX, RxJS, Bootstrap, Angular, React, GraphQL, Redux, NextJS, Vue, Vuex, Vuetify, NextJS, Svelte, Express, React Native, Ionic, Electron, MJML, Chai, Jest, Cypress, Prismic, Keycloak

Tools
Adobe Creative Suite, Visual Studio Code, Git, Gulp, Grunt, Webpack, Atlassian Suite, Jenkins, Docker, Firebase, Browser DevTools

Database
MySQL, PostgreSQL, MongoDB, Cloud Firestore

SOFT SKILLS

`Ability To Work Under Pressure` `Time Management`
`Adaptability` `Problem Solving` `Leadership` `Decision Making`

PROJECTS

Weather React   *iamsainikhil.com/weather-react*

- Built an application to display the 24 hour & 7-day weather forecast for any location in the world using Dark Sky and Algolia services.
- Secured application API keys by deploying serverless cloud functions written in NodeJS & Express on Vercel which make API requests to the above services and relay responses to the Front-end application.
- Starred ~68 times and forked ~15 times on GitHub.
- Developed this application using HTML, SCSS, JavaScript, React, and NodeJS.

Gatsby Prismic Blog Starter   *gatsby-prismic-blog-starter*

- Developed this starter template to let any user easily create a blog using Prismic as the CMS.
- Downloaded ~900 times on NPM.
- Accepted into the official Gatsby's starter collection.
- Developed this starter using HTML, CSS, JavaScript, React, Gatsby and Prismic.

VOLUNTEER EXPERIENCE

Member
Bachpan Bachao

08/2012 - 01/2016   *Hyderabad, India*

A student Non-governmental organization(NGO) with an aim of educating poor children in government schools and improvising them.

- Raised $1000 funds which were used for the welfare of the poor children.
- Conducted fundraising event which got an immense response from over ~40,000 people.
- Demonstrated the importance of education for the poor children in a conference with ~200 attendees.

HONOR AWARDS

Q4 2020 Employee Award
QOMPLX, Inc.

- Standardized front-end development across various products with the creation of a UI starter template.
- Demonstrated ability to quickly adapt to multiple team settings (~5) & products (~4) and deliver results well ahead of deadlines.

Graduate Incentive Award
University of Cincinnati

- Received merit bonus of 50% tuition-fee waiver for achieving excellence in academics.