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.

iamsainikhil.github.io
linkedin.com/in/iamsainikhil
github.com/iamsainikhil

WORK EXPERIENCE

Front End Engineer
QOMPLX, Inc

01/2019 - Present   *Reston, VA*

- Develop user interface and functionality for QOMPLX OS product to support core user interactions and account management.
- Work collaboratively to develop web applications and ensure consistent user experience across various products.
- Migrated application styling framework from Vue-material to Vuetify which reduced the build size by ~20% .
- Optimized the application for speed, scalability, and added PWA features which ensured page load times less than ~3 seconds.
- Fixed bugs, memory leaks, and cache issues with periodic code reviews among peers following the agile methodology which resulted in lowering support tickets from customers by ~90%.

Front End Engineer
Pépulab

09/2017 – 09/2018   *Cincinnati, OH*

A start-up funded by ~100 companies with a mission to develop a platform that connects hourly job seekers and hiring managers.

- Translated UI/UX design wireframes to 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.

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*

HONOR AWARDS

Graduate Incentive Award
University of Cincinnati
- Received merit bonus of 50% tuition-fee waiver for achieving excellence in academics.

Full Stack Web Developer
Lynda.com
- Completed 16 courses in this learning path to achieve this award.

TECHNICAL SKILLS

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

Frameworks/ Libraries
Pug, SASS, jQuery, AJAX, RxJS, Bootstrap, Zurb Foundation, Angular, React, GraphQL, Apollo, Vue, Vuetify, NextJS, Express, Ionic, Electron, MJML, Jest, TestCafe

Tools
Adobe Creative Suite, Visual Studio Code, Git, Gulp, Grunt, Firebase, JIRA, Atlassian Suite, Jenkins, Docker, Firebase

Database
MySQL, MongoDB, Cloud Firestore

SOFT SKILLS

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

PROJECTS

Food e-Commerce Store   *iamsainikhil.github.io/tsf*

- Built custom store to sell food products in 4 countries that include United States, United Kingdom, Australia, and India.
- Secured application with customers required to verify their email address after signup which reduced fraudulent accounts by 99%.
- Recorded 50 customer registrations on the test application launch day.
- Developed this store using HTML, CSS, JavaScript, Angular, and Firebase.

Social Meetup   *iamsainikhil.github.io/social-meetup*

- Developed a web application to create an Interactive platform between organizations and volunteers.
- More than 30 volunteers registered for over 40 events created by 15 organizations spread across 50 locations.
- Passed security assessment tests with 100% efficiency against SQL Injection & Cross-Site Scripting attacks.
- Won best project award out of 10 projects in Human-Computer Interaction category at the University of Cincinnati.
- Developed this project using HTML, CSS, JavaScript, PHP, and MySQL.

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.

CERTIFICATES

HTML/CSS, Ranking In The TOP 10%
TestDome

JavaScript, Ranking In The TOP 10%
TestDome