JOSEPH NWACHUKWU

PRINCIPAL SOFTWARE & APPLICATION ARCHTECT

(347) 593-3962
JOSEPH@GENISYSTEMSTECH.COM
JOSEPHNWACHUKWU@GMAIL.COM

EXPERTISE

ANGULAR
★★★★★

REACT
★★★★★

JAVASCRIPT
★★★★★

HTML / CSS
★★★★★

TYPESCRIPT
★★★★★

NODE
★★★★★

FIREBASE
★★★★★

ANDROID STUDIO
★★★★

SKILLS

PROBLEM SOLVING
★★★★★

ARCH. DESIGN
★★★★★

PRODUCT REFINEMENT
★★★★★

CAREER SUMMARY

Over 20 Years of experience as a Software Developer and Architect primarily focused on the Front-End, Evangelizing best practices in front-end web development. Over my the course of my career, I have:

Identified the client's needs and strategiezed solutions to solve existing and potential challenges during development while carefully considering functionality, performance, resilience, reuse, comprehensibility, scalability, security, technology constraints, timing and tradeoffs.

Developed robust, reusable, well-documented, framework-agnostic component libraries for rapid development and prototyping of web and mobile applications comprised of components that are intuitive, visually consistent, and work together seamlessly and fit the clients visual needs and design ethos.

Helped DevOps construct multi-stage build and deployment strategies focusing on code coverage, accessibility, automation, compliance, security, unit and regression testing with the goal of delivering more reliable builds across environments.

Mentored senior and junior developers by helping them understand business criteria and requirements, architectural principles, coding best practices and development guidelines, also by helping them to stand manage development goals and expectations via methods like code reviews periodic meetings, lunch & learns, and tech time.

Collaborated with stakeholders to understand and translate business requirements into technical specifications and architectural designs, efficiently estimate development efforts, worked with product and project managers to more accurately determine the level of effort and technical feasibility focusing on the satisfaction of all business rules and requirements.

LANGUAGES & FRAMEWORKS

FRONT-END
ANGULAR, REACT, VUE, JAVASCRIPT TYPESCRIPT, SASS, SCSS, BULMA

BACK-END
NODE, EXPRESS, NESTJS, PHP, ASP.NET

TESTING & CODE COVERAGE
CYPRESS, PUPPETEER, PROTRACTOR PHANTOMJS, PLAYWRIGHT

CODE & SERVICE DOCUMENTATION
CONFLUENCE, SWAGGER, LUCID CHARTS, POSTMAN, COMPODIC, STORYBOOK, VISIO

ISSUE & DEVELOPMENT TRACKING
JIRA, ASANA, PIVOTAL TRACKER, BASECAMP, RALLY

CI / CD
GITHUB ACTIONS, JENKINS, CIRCLECL, TRAVISCICIBITBUCKET PIPELINES, DOCKER

MOBILE
IONIC, REACT NATIVE, NATIVE SCRIPT

VERSION CONTROL
GITHUB, GITLAB, BITBUCKET, NPM, NEXUS

DATABASE
FIREBASE, MYSQL, COSMOSDB

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EXPERIENCE

Harvard Management Company

Contract Hybrid
hmc.harvard.edu

MedeAnalytics

Full Time Remote
medeanalytics.com

DaVita

Contract Remote
davita.com

Prudential

Contract Remote
prudential.com

CVS Health

Contract Hybrid
cvs.com

Tarte Cosmetics

Contract On-Site
tarte.com

CAREER SUMMARY

Front-End Developer Boston, MA, Mar 23 – Mar 24 *(1 year)*
- Implemented several enhancements to Harvard's "Crimson" application.
- Implemented new sections to the application.
- Developed a prototype for a PWA version of the application.
- Upgraded the application to a newer version of Angular framework.
- Assisted in campaign to relieve technical debt from internal and client-facing applications.

Principal Front-End Architect Dublin, CA, Jan 22 – Jan 23 *(1 year)*
- Upgraded and converted internal and client facing applications from aging versions of Angular to the latest versions of React.
- Prototyped new UX/UI layouts and components for utilization in client-facing applications.
- Performed analysis of older applications and developed a migration path for senior, junior and associate developers.
- Assisted in campaign to relieve technical debt from internal and client-facing applications.

Principal Front-End Architect Denver, CO, Dec 21 – Jan 22 *(4 mos)*
- Performed a technical analysis on current projects and constructed a migration path to bring projects to the current version of Angular.
- Restructured component library, updated components and developed new components for use in all DaVita applications.
- Delegated work to Senior, Junior and Associate UI Developers each sprint and worked with Stakeholders to determine the new direction of UX for all applications.

Lead Angular Architect Newark, NJ, Nov 20 – Jul 21 *(9 mos)*
- Created a platform-agnostic component library and framework for use on PGIM apps.
- Replaced legacy components in older apps with newer shared components.
- Upgraded existing apps to the current version of Angular.
- Delegated work to a small team of senior and intermediate developers.

Principal Software Architect Woonsocket, RI, Nov 19 – Jul 20 *(9 mos)*
- Developed a middleware framework in NestJS and Typescript for CVS MinuteClinic™ adding capacity for scheduling additional appointments for COVID -19 testing.
- Separated third party Optical Section into independent site, separate from the MinuteClinic™ code base.
- Developed microservices for MinuteClinic™ scheduling services for COVID 19 using NestJS.
- Managed development of microservices and best practices for NestJS and TypeScript.

Lead Front-End Architect New York, NY, Mar 19 – May 19 *(3 mos)*
- Worked on the latest version on "Foundation Finder".
- Worked on Afterpay™ implementation on the checkout flow.
- Worked on SalesForce™ implementation of new features.
- Fixed bugs and refactored checkout logic SFCC

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EXPERIENCE

CVS Health

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Contract Hybrid
cvs.com

Huge

HUGE

Contract On-Site
hugeinc.com

Zipari

Full Time On-Site
zipari.com

Tandem Seven
(now Rightpoint)

t7

CAREER SUMMARY

Principal Front-End Architect — Woonsocket, RI, — May 18 – Feb 19 *(10 mos)*

- Assessed the amount of technical debt and developed a migration and modernization strategy to upgrade and unify the segmented sections of the site.
- Created a reusable, fully compliant component library consisting of common elements, components and shared services to be used across all CVS website sections.
- Created a new build process and deployment strategy for deploying code across environments and integrated accessibility, security, testing in the build pipeline.
- Lead a team of developers, assigned work and performed code reviews.
- Worked with the product team to develop and enforce business rules.
- Worked with QA to develop test paths and rules that ensured proper code coverage.
- Implemented restful services documented in swagger including an error dictionary that drastically increased the visibility of the origin and reason for the front and back end.
- Upgraded code base from Angular 1.x and 2.x to Angular 7 and created an upgrade path document for developers to upgrade their projects, modules and libraries.

Senior Front-End Engineer — New York, NY, — Mar 19 – Apr 19 *(2 mos)*

- Worked on a prototype application for McDonalds™ using React, Redux and Thunk.
- Converted Photoshop™ and Sketch™ designs into functioning application components.
- Assisted with development on various other UI projects.

Principal Front-End Architect — Brooklyn, NY, — May 18 – Feb 19 *(10 mos)*

- Lead a team of 10+ engineers to develop progressive web apps and products.
- Implemented front-end development guidelines and best practices.
- Conducted code reviews for the front-end engineering team.
- Created reusable Angular component libraries and modules for use across multiple client implementations of the product.
- Instrumental in building the front-end engineering staff by conducting interviews, conducting coding challenges, and developing interview questions for initial screening.
- Developed product development roadmaps, architectural diagrams and documentation for existing and future products.
- Defined an updated front-end architecture stack and model, working with back-end architects to ensure a seamless transition for newer versions of products.
- Engaged with the client to develop feasible development roadmaps and timelines for the development tasks in each milestone and sprint.

Lead Front-End Architect — New York, NY, — Feb 14 – Feb 17 *(3 years)*

- Lead Front End Architect for Clarient Entity Hub™ at Goldman Sachs.
  - Architected data intake and validation system in AngularJS, Bootstrap, using a Java-based REST client.
  - Managed other front-end developers across scrums.
  - Responsible for screening and interviewing new developers to assist on projects.

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EXPERIENCE

Full Time On-Site
rightpoint.com

Talent Partners

Contract On-Site
talentpartners.com

DirecTV Latin America

Contract On-Site
directvla.com

Redcats
(now OSP Group)

Contract On-Site

CAREER SUMMARY

- <u>Lead Front End Architect</u> for Ops Ideas at Goldman Sachs.
  - Architected front end system for Data Intake and display as well as data validation and verification using angular.
  - Managed other front-end developers within scrums.
- <u>Lead Frond End Architect</u> for US Rowing project using React, Bootstrap, REST APIs and .NET backend.
- <u>Lead Front End Architect</u> for One Call Care Management using React, Bootstrap, REST APIs.
- Assisted in various sales pitches and estimation of front-end work on various projects.

Lead Front-End Architect   New York, NY,   Oct 13 – Jan 14 *(4 mos)*

- Developed the web-based UI for internal application that was previously a visual basic desktop app.
- Developed fully functional W3C compliant single page application from wireframes and visual Designs.
- Worked closely with backend developers as well as project managers to ensure perfect functionality.
- Delivered all functionality in sprints of two-week intervals in an agile environment with daily scrums.

Lead Front-End Developer   New York, NY,   Dec 12 – Oct 13 *(10 mos)*

- Coded site enhancements for various pages on directv.com.ar, directvcarribean.com, directv.cl, directv.com.co, directv.ec, directv.pe, directvpr.com, directv.uy, directv.ve, and various mini and mobile sites.
- Resolved production issues and adding new content on directv.com.ar, directvcarribean.com, directv.cl, directv.com.co, directv.ec, directv.pe, directvpr.com, directv.uy, directv.ve, and various mini and mobile sites.
- Assisted in development of various mini sites and mobile sites.
- Added enhancements to internet applications like program guide, channel guide, help center, and mobile sites.

Lead Front-End Developer   New York, NY,   May 11 – Dec 12 (1y 4 mos)

- Coded site separation and design renovation of avenue.com and jessicalondon.com
- Coded list page enhancements to womanwithin.com, roamans.com, kingsizedirect.com, onestopplus.com, bcoutlet.com, brylanehome.com, jessicalondon.com, avenue.com and fullbeauty.com
- Coded front-end portion during site creation initiative of Fullbeauty.com
- Resolved production issues and production and assisted in developing next generation tablet and mobile sites for womanwithin.com, roamans.com, kingsizedirect.com, onestopplus.com, bcoutlet.com, brylanehome.com, jessicalondon.com, avenue.com and fullbeauty.com

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EXPERIENCE

Promise Home Care

Full Time On-Site
promisehca.com

Homeowners Support Group

Full Time On-Site

Tryad Group

Full Time On-Site

Oddcast

Full Time On-Site
oddcast.com

Nicobi Health

Full Time On-Site

Weight Watchers

Contact On-Site
weightwatchers.com

CAREER SUMMARY

Lead Developer / Systems Admin — Bronx, NY, — Sep 07 – Sep 12 *(5 years)*

- Networking for all the offices and running the CCTV system.
- Developed the website, backend intranet system for back-office operations.

Lead Developer / Systems Admin — Brooklyn, NY, — Mar 09 – Mar 10 *(1 year)*

- Developed lead management and distribution software named Liquid Customer Relations Management System.
- Managed ad budget, developed ads, created & managed ad campaigns, and monitored analytics for Google™ AdWords™ accounts and Yahoo™ Marketing Solutions account.
- Developed multiple websites, and landing pages for lead generation, developed multiple websites, and landing pages for loan modification.

Lead Developer / Systems Admin — Brooklyn, NY, — Mar 09 – Mar 10 *(1 year)*

- Developed landing pages, a lead tracking and distribution system, and the Google™ and Ad Words accounts for all the sites.
- IT/Helpdesk management, as well as software engineer for many endeavors.
- Developed various websites and online applications for real-estate operations.
- Co-Founded Quantus Data Center a collocation and disaster recovery facility in Rochester NY.

Web Developer / Prod. Support — New York, NY, — Nov 07 – May 08 *(7 mos)*

- Worked on ActionScript driven flash presentations for clients' microsites and production sites.
- Developed new support material and documentation for sites.
- Research and development on innovative ways to use products.
- Resolved production support issues via tickets.

Web Developer / Systems Admin — Bronx, NY, — Jun 04 – Feb 07 *(2 y 9 mos)*

- Architected and developed an intranet site for patient and client records.
- Managed all servers, payment kiosks and terminals.
- In charge of inventory control using Microsoft™ Store Operations Suite.

Web Designer / Content Editor — New York, NY — Jun 06 – Sep 06 (4 mos)

- Developed html content for main domestic site and international sites.
- Assisted in developing functional widgets like points calculator.
- Input data for each country into their proprietary CSS.
- Resolved ticketed issues on the production and QA sites.
- Resolved production support issues via tickets.

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EXPERIENCE

CAREER SUMMARY

[Genisystems HPTP Design LLC](#)

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genisystemstech.com

Founder New York, NY, Dec 01 – Present

- Mobile application development using Ionic™, Angular and React Native
- Mobile application consultation.
- Development of SAAS platforms and Mobile Applications.
- Software as a Service (SAAS) consultation.
- Developed SAAS products such as Invoicer, Testing Pad, Epoch Time, and Spectre.

EDUCATION

[Union College](#)

U

union.edu

Mechanical & Computer Engineering Schenectady, NY, Jul 03 – Jan 07

- Concentration on mechanical and computer engineering.
- Minor in Mathematics and Greek History.

[Monroe College](#)

MONROE COLLEGE

monroecollege.edu

Computer Information Systems Bronx, NY, Jun 04 – Jan 06

- Concentration in computer programming and computer information systems.