developer@bonaya.com

Bonaya **Mudda**

Over seventeen years of experience in analysis, design and development of Enterprise Java, classical ASP and ASP .NET applications, as well as PHP, javascript and database driven web applications.

EMPLOYMENT

2012 - present

SENIOR SOFTWARE ENGINEER – Boyle Software Inc. (New York, NY)

Client: Ogilvy & Mather
+ Developed the internal human resource application and employee directory built on PHP and ElasticSearch.
+ Implemented data integration and ETL for timesheet and employee utilization analysis using Talend migrated from Microsoft SSIS.
+ Worked on site manager application that allows the management of application deployment in different clusters using Python.
+ Worked on backend Java RESTful API in a micro service architecture that serves as a data service for the data warehouse management application.
+ Worked on multiple web services for user and group federation to third party downstream systems implemented using Java, Akka and Spring.
+ Lead developer on agreements and megaphone application that allowed corporate to send out and manage signed agreements for contractors and employees for compliance purposes.
+ Lead developer in redesign of a performance review application used for employee evaluation.
+ Lead developer on a registration application used for employees requesting application roles and company equipment that allowed multi level approval, email reminder and flexible workflow.
+ Worked on application based on micro service architecture that consists of security service, entity service, legacy integration and routing built using Java, Spring data and Eureka for service registration and discovery.
+ Lead developer on attestation service using passwords policy configured for different user types using Python and Celery for distributed processing.
+ Worked on integration of Okta for single sign-on to multiple services leveraging delegated authentication using Open LDAP.
+ Involved in moving company applications to docker containers and deployed in a Kubernetes cluster.
+ Lead the integration of parent company main directory to Ogilvy's identity management system.
+ Worked on bi-directional sync system with Okta and company directory for managing external users.

Technology: CentOS, Azure, MySQL, MongoDB, Apache, PHP, AngularJS, Angular 2, NodeJS, HTML, Java, Python, ElasticSearch, Redis, Eureka, Consul, Akka, Open LDAP

2005 - 2012

SOFTWARE DEVELOPER – GBE Consulting Group LLC. (New York, NY)

Client: BoatTEST.com, LLC
+ Lead the strategy and plan development of an administration interface for online publishing.
+ Developed and Implemented a lead follow up software that tracks potential boat buyers and follow up with them if they have been contacted by a dealer.
+ Integration of a Lead routing software with the website that automatically routes leads to dealers based on zip code.
+ Efficient database design that allowed faster query processing and eased report generation.
+ Designed and implemented a My Boat History application that allows members to log maintenance done on their boats and allows them to print a report when they put their boats for sale. The site uses forms authentication to allow only authorized users.
+ Setup web services to allow communication and data transfer between BoatTEST.com and several vendors.

Client: GBE WiFi
+ Lead the strategy, design and deployment of wireless network on a property consisting of 23 buildings.
+ Design and development of a Radius authorization, authentication and accounting server for user management and billing.
+ Developed a support ticket application using ASP.NET C# for managing support requests from customers.
+ Database design for user management and usage time tracking.

Client: VehiclesTEST.com, LLC
+ Designed and developed a video streaming service that was distributed to dealers.
+ Lead generation and tracking from video views to be streamlined to dealers assigned in the territory.
+ Custom content management backend application for vehiclesTEST.com staff to upload videos, and distribute to dealers.
+ MySQL database design and implementation for content, videos, and leads.

Technology: Windows 2003 Server, IIS7, SQL 7, ASP.NET C#, Apache Web Server, MySQL, PHP, JavaScript, HTML

2000 - 2005   **JUNIOR SOFTWARE DEVELOPER** – Weblinx Inc. (Stamford, CT)

Product Development: Billing System
+ Lead the strategy and plan development of a billing system that allows automated statement generation and back office account management.
+ Innovated and implemented an efficient method of data exchange using web services.
+ Designed a robust back office account management to allow staff effective management of payments, credits, debits, statement generation, and other administrative functionalities.
+ Efficient database design that allowed faster query processing and eased report generation.
+ Designed and implemented a challenge and response method of authentication with a third layer of unique short lived tokens. Tokens are generated and used as a third level of authentication.

Product Development: CRM Plug-ins
+ Developed application plug-ins to connect Microsoft Customer Relationship Management (CRM) with Perl, PHP, ASP and ASP.NET applications.
+ Developed and integrated Applications, Registration Forms, Comment Forms, Subscription Management modules via CRM Application Plug-Ins.
+ Designed and implemented internal record administration application, titled "Merge and Purge", allowing staff to eliminate / merge duplicate records based on designated criteria.
+ Subscription management application allowing staff and end-users to manage subscription of electronic newsletters and other communications. End-users to subscribe or unsubscribe via secure web-form, changes reflected on CRM through Subscription Management module plug-in. Staff capability to directly edit subscription records.

Product Development: Resume and Job Portal
+ Developed a portal that allows job postings and resume processing that consisted of three components: administrators, contractors and users.
+ Designed and implemented back-end administration software that allows administrators to manage users and contractors. This system is a web application using web services and XML.
+ Allows users to upload files and manage resumes.

Client: Working Today
+ Worked with a team to optimize core business applications by re-engineering in-house billing administration software. Integrated Billing System with client's existing web and data infrastructure.
+ Outlined business process rules, identified extended needs and designed tools based on discovery.

+ EFT Manager: Designed and developed Electronic Funds Transfer Management application. Application gathers information from various data sources to generate customer payment record and transmits file to Citibank for processing.
+ Allocation Report Generator: Designed and developed report generation tool required by client's vendors. Tool calculates payments and aligns received monies to orders.
+ Created ASP.NET and server controls to display dynamic data obtained through the use of Microsoft ADO.NET.
+ Designed and developed the data access layer using VB.NET, ADO.NET and SQL Server 2000.
+ Interaction with Client to develop the workflow of the application.
+ Worked with testing team to Perform Unit Testing and Integration Testing.

Client: Cogent Consulting

+ Lead developer in the development of the Resume and Job Posting software. Implemented several libraries that allow users to search across multiple tables and databases.
+ Designed database structure for the software on MS SQL Server 2000.
+ Implemented stored procedures, triggers and jobs that allow users to perform administrative tasks on the database.
+ File-Uploading using MSXML parser.
+ Used JavaScript for front-end validation.
+ Developed code behind modules using VB.NET.

Technology: Windows 2000, IIS4, Site Server Commerce 3, SQL 7, and Active Server Pages, JavaScript, HTML

1997 – 1999   **WEB ADMINISTRATOR** – Research & Grant Services (Bronx, NY)

+ Designed the company's website.
+ Regular update of the website, assign and maintain employees' e-mail addresses using Active Directory on a Windows 2000 server.
+ Assist in layout design of flyers for distribution as well as for newspaper and magazine advertisements.
+ Test and Debug HTML documents and PHP files for compatibility and correct display of contents on most web browsers.
+ Prepared and copied progress reports and draft web pages on compact discs for the executive meetings and presentations.
+ Designed algorithms for efficient web page layout using C+and JAVA implemented using Java Native Interface.

Technology: Linux server, Tomcat web server, Active Directory, Apache web server, MySQL, JavaScript, HTML, CSS

EDUCATION

1999 – 2004

B.SC. COMPUTER SCIENCE – City College School of Engineering, CUNY
+ Minor in Mathematics
+ Cumulative GPA: 3.49 Cum Laude

2004 – 2007

M.SC. COMPUTER SCIENCE – City College School of Engineering, CUNY
+ Concentration in Software Engineering
+ Cumulative GPA: 3.9

HONORS

GOLDEN KEY International Honor Society
DEAN'S LIST 3 Years
WHO'S WHO Amongst American Schools and Colleges
NATIONAL DEAN'S LIST 2 Years

SKILLS

OPERATING SYSTEMS – Microsoft Windows, Linux, OS X, Azure Cloud
PROGRAMMING LANGUAGES – Java, C++, C#, Visual Basic .NET
DATABASES – MySQL, SQL Server, Oracle, MongoDB
WEB SERVERS – Apache Web server, Nginx, IIS, Tomcat
SCIENTIFIC PROGRAMMING – Matlab, R
SCRIPTING LANGUAGES – PHP, Python, Perl, Ruby, Javascript, AngularJS, Angular 2, Bash, XSLT, Vue
FRAMEWORKS – ASP .NET, Django, Cake PHP, AngularJS, NodeJS, Spring, Jooby
MARKUP LANGUAGES – HTML, XHTML, XML
DATA INTEGRATION – Talend Open Studio, Microsoft SQL Server Integration Services
TECHNOLOGIES – Elastic search, Kibana, Logstash, Git, SVN, Akka, Consul, Jasper, Spring, Hibernate, Hazelcast, Log4J, Maven, Gradle, Junit, PHP Unit, Jenkins, SOAP, REST, Akka, Eureka, Consul, Okta