Ashok Balakumar

Full Stack Web Developer

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EXPERIENCE

General Assembly, Boston, MA
Web Development Immersive graduate

December 2017 - March 2018

Achieved 600+ coding hours in a 12 week intensive program that involved the design and deployment of several full stack web applications. Projects include:

- **Tic-Tac-Toe**: A single page web application developed using HTML, CSS and JavaScript. Features include gameplay against artificial intelligence, and across laptop and cell phone devices.
- **The Bird Tracker**: A full stack web application built using HTML, CSS and JavaScript with a Ruby on Rails API. Includes an online report displaying recorded bird sightings. CRUD actions performed on an integrated PostgreSQL database.
- **Nozama Toys!** : An e-commerce toy portal built using HTML, CSS and JavaScript with an Express API. User owned CRUD actions performed on a MongoDB-Mongoose database with product payment using an integrated third party Stripe API. Developed as part of a 3 person team where I was primarily involved in back-end development of the Express API MVC layers and front-end development of the responsive modal shopping cart.
- **A-Card**: A subscription-based card portal built using HTML, CSS and JavaScript with a Ruby on Rails API and PostgreSQL database. The current API build version provides a one-many relationship between two entities - station and expense - where a station can have many expenses and an expense belongs to a station.

Craft Silicon, Nairobi, Kenya
Web Application Developer

April 2017 - September 2017

- Involved in Banker's realm electronic fund transfer (BREFT) channels development for banks/financial institutions.
- Developed "Hello Kenyan" peace portal for use by members of the public and the Kenyan government during election strife.
- Improved secure access of Barclays scoring engine report data.
- Optimized C# code for I&M bank client, resulting in faster page loading and processing.

Benefits Management Group, Oak Brook, IL
Web Application Developer

January 2014 - December 2015

- Created the SQL stored procedure that ensured data compliance with new Employer provided 1095-C insurance coverage form.
- Utilized open source C# libraries to automate operations involving the transfer of union files between a shared network drive and remote client servers via a SFTP site, preventing the need to purchase expensive SFTP software.
- Developed and implemented the user interface for a demo application used by company CIO to attract prospective clients.
- Generated and validated application reports using SSRS.

SKILLS

Languages: HTML, CSS, SASS, JavaScript, jQuery, C#, Ruby, SQL, C, Java, Visual Basic, MATLAB

Web Development: Ruby on Rails, Express, Ember, Visual Studio, ASP.NET web forms, AJAX, Telerik UI, Handlebars

Database: MS SQL server, PostgreSQL, MongoDB, Mongoose, Stored Procedures, Views, Triggers, ADO.NET

Applications: MS Office, MS SQL Server Reporting Services, MS SQL Server Integration Services, Beacon Spyglass

CERTIFICATIONS

General Assembly:

WDI Certificate of Completion

Duke University:

Java Programming: Arrays, Lists and Structured Data (In progress)

Java Programming: Solving problems with software

EDUCATION

The University of Texas Arlington, Arlington, TX

BSc Electrical Engineering

Overall GPA: 3.44/4.00

Inducted into Tau Beta Pi, Eta Kappa Nu and Golden Key honor societies for scholastic merit.