

Nazar Aziz

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Profile:

I am a senior analyst, software developer and project manager with twenty years commercial experience developing applications and MVPs.

Since 2010 my focus has been on JavaScript, initially using NodeJS and in the last three years specialising in front-end frameworks such as Backbone, AngularJS and recently ReactJS.

Previously my focus has been on Ruby on Rails, producing websites for the following industries: commercial media cataloguing and delivery (video, audio and images); online training and e-learning; content management systems; content integration websites that scrape data from Amazon; Facebook Graph API integration using both the JavaScript and server side SDKs; community based websites where content can be freely edited with full revision tracking and control; custom forum and commenting system implementations; custom Google maps integration with custom tile sets; complex polymorphic object relation modelling with solutions that encompass BOM (Bill of Material modelling) and DAG (Directed Acyclic Graph).

I am adept at source control and change management, specifically using Git and the [Gitflow](#) methodology.

Technical Expertise:

- **Ten years JavaScript.** Experience using JavaScript on both servers (NodeJS) and clients (ReactJS, AngularJS, Backbone, Bootstrap, jQuery UI). Testing experience with Jasmine, Mocha and AngularJS Karma test runner
- **Seven years Ruby on Rails** development. Experience with ERB, HAML, SASS and RSpec
- **Ten years CSS** – CSS2/CSS3 and Backbone
- **Fourteen years Delphi** development experience using various client/server database backends, using OO methodology, principles of software reuse, design patterns and agile programming to achieve maintainable and efficient code
- **Six months Java** Android mobile development
- **Three years PostgreSQL** with two years PostGIS experience
- **Eight years mySQL** development experience
- **Eight years MSSQL** development and DBA experience
- **Five years Oracle PL/SQL** development and DBA experience
- **Five years Interbase Firebird** experience
- **Ten years Linux** administration experience in installing and configuring Apache, NginX, Postfix, mySQL, postgresSQL

Languages

JavaScript
Ruby
Pascal
Java

Node.js

Express
Hapi
Socket.io

JavaScript

ReactJS
AngularJS
Backbone
jQuery

Ruby on Rails

HAML
SASS

CSS

Bootstrap

SDKs

Facebook
Amazon
Android

IDEs

WebStorm
RubyMine
IntelliJX

Linux OS

Debian
Ubuntu
Gentoo

Linux Services

NginX
Apache
PostgreSQL
mySQL
Asterisk
Postfix

Achievements:

Designed and developed [Soapee](#), a lye calculator and recipe database for the soap making community. [Implemented](#) using ReactJS.

Project manager and technical lead for Clevertch. Developed a large GIS application using AngularJS and Google Maps Javascript API. The application is currently used by leading US telecoms providers to map over 100 billion geographical data points.

Lead developer for Harpua Inc. Developed PhilterIt, a Rails web application and Chrome extension. PhilterIt was covered by [Mashable](#) and [TechCrunch](#) amongst others. Designed and developed a scalable system architecture employing a custom NodeJS reverse-proxy to load-balance web traffic, IMAP services and socket.io connections.

Senior Ruby/Javascript developer for Diddo. Developed Node.js based real-time chat server and client components to enable group chat between Diddo users, GChat and Facebook Chat. Developed Asynchronous based photo and video upload processing backend.

Designed and developed [Parlmnt](#), an AngularJS SPA backed by a service based Ruby on Rails application. Inspired by Reddit, parlmnt scraped legislative information from [parliament.uk](#) and allows users to up/down vote and comment on each piece of legislation and legislators.

Designed and developed [MediaCMS](#), a Ruby on Rails based application. This application consists of over 50 tables that drive a media (video, audio and photo) based website. Features include: multiple flash based photo uploads, double entry accounting system to track and audit financial transactions, subscriptions, blogs, user creatable forums etc...

Designed and developed [RecipeTrees](#), a Ruby on Rails based application. Technologies to note: Facebook Graph API for single sign-on; deeply nested form updates; model based revision control (i.e. all previous revisions are recorded).

Designed and developed YAPT, an Android 1.6 application that enabled Android mobile users to send and receive short voice messages between each other. YAPT included an efficient Push notification mechanism which at its height supported 3,000 concurrent and persistent connections.

[Darkfallsage](#) – Ruby on Rails. A community driven site that interlinks many in-game objects with full revision control. Also included a custom tile-set Google Map browser.

Designed and developed ProcSys, an Enterprise Resource Planning System. ProcSys manages an engineering project from budgeting, through to requisitioning, vendor bidding, purchase order printing, GRN, Quality Control, Document Control and finally through to vendor invoice reconciliation. Employs sophisticated workflow mechanism. Size: 160,000 Lines of Code (700 forms), Delphi 5. Developed over three years.

Designed and developed SimplePop, a multi-user purchase ordering system which uses Firebird. Size : 25,000 Lines of code, Delphi 4. Developed in six months.

Designed and developed Debtpro, a multi-user Interbase based credit management system aimed at mass debt collection service centres. Size : 35,000 Lines of code, Delphi 2. Developed in nine months.

Experience:

2013 – 2015 : **Clevertech**

Project Manager / Technical Lead / Solutions Architect.

- Acted as a technical leader and managed a team of six developers.
- Interfaced between clients and developers.
- Mentored junior developers.

2001 – 2013 : **Panther Software Publishing Limited.**

Managing Director / Freelance Software Developer.

Panther Software Publishing was my software development consultancy delivering bespoke web based solutions. My clients include:

Harpua Inc – 1 year freelance

Lead developer and architect in developing PhilterIt Rails based application, with NodeJS based service architecture and an additional Chrome Browser extension.

Diddo – 6 months freelance

Developed MVP web application for investors. Developed real-time NodeJS based chat application.

iSOFT PLC – 2 years freelance

Provide guidance and procedures on updating current source control, documentation and project management procedures. Develop interface applications that process HL7 messages for various health care applications deployed in NHS Trusts.

Northgate Information Solutions – 9 months freelance

Updated Maxim3 to comply with SAP2005 BRE specifications that come into effect in April 2006. Maxim3 is a commercial tool used by building surveyors and contractors to assess dwelling energy requirements for efficiency reporting.

Axsia Serck Baker – 4.5 years freelance

Long term outsourcing project with Axsia Serck Baker in which all of their in-house MSSQL Client Server applications, dealing with procurement, document control, accounting and budget management were integrated into two enterprise level applications, with centralised software distribution, security and access control.

1998 – 2001 : Interserve (formerly know as Building & Property Limited).

Senior Analyst Programmer reporting to the IT Director.

- Maintaining day to day running of CFACS, an oracle 7.x based financial accounting system, in reporting and generating queries for the Financial Department and Regional Finance Director.
- Design and development of a multi-tiered application using Delphi 3 in importing data from over 100 remote sites for integration into CFACS.

Qualifications:

B.Sc. In Computer Science from the University of Hull in 1995.