GURPREET SINGH

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OBJECTIVE: Opportunity with a dynamic corporation as a Front End Engineer which challenges my skill set.

PROFESSIONAL SUMMARY: A mature professional with excellent organizational skills and an open mind. I thrive in a work environment where the commitment and excitement to technology is paramount. Accrue analytical thinking and problem solving skills in web development giving me a cross functional experience and an opportunity to interact with people of diverse backgrounds. About decade of experience in software engineering has given me extensive knowledge of analysing, planning, evaluating, designing, building, structuring, web standards, design patterns, re-usability, accessibility, requirement gathering and user experience. When it comes to software development methodologies, my knowledge is not only limited to Agile. I have invested decent amount of time in studying and comparing different methodologies such as DSDM, Rapid Application Development, Waterfall etc. Passion to deliver best, and desire to implement cutting edge technologies always helps me to adapt quickly.

PROFILE

➢ **Front End Development:** I'm able to develop and maintain pixel perfect breath taking interactive and cross browser compatible web applications. Specialisation in vanilla JavaScript and modern libraries and frameworks makes it possible to provide broad range of options to client. I always enjoy paying intensive attention to work and implementing cutting edge technologies. Experience of working on broad range of applications and desire to communicate helps in capturing precise requirements and proves effective to work on complex projects with rigid deadlines.

➢ **Team Player:** Successfully completed many projects working with diverse teams. Always willing to communicate, take responsibility, leading team, building relationships and setting examples to motivate and inspire team members. As a professional web engineer you also need to interact with people from non-technical background. In these cases, knowledge of software engineering tools (Use Cases, Unified Modelling Language) comes very handy to fill these gaps commendably. Ability to work with version control system such as subversion and GIT is very useful when working on complex projects with large teams.

➢ **Mobile Web and App Development:** Successfully completed many smartphone/tablet web application and sites using vanilla JavaScript, JavaScript libraries (Hammer.js, Touch), jQuery, HTML 5, CSS3, Responsive Design, Elips and phonegap.

➢ **Desktop Application Development:** I have been passionate about programming since I started my education in IT. I have done various academic and industrial projects using technologies such as Adobe AIR (Cross Platform), C++ and VB 6 also gained deep knowledge of analysis, design, re-engineering of system applications and business processes, problem solving techniques, business and system process design, implementation methodologies, and software development life cycles.

WORK EXPERIENCE

1. **Front End Consultant** at Afflatech Ltd, Leicester

Responsibilities:
- ➢ Comparing and recommending appropriate Front End tools and technologies
- ➢ Documentation, web standards and mentoring
- ➢ Web Optimisation and refactoring
- ➢ Recruitment

2. **Creative Technologist** at HSBC (by RMA), London (March 2014 – October 2014)

Responsibilities:
- ➢ Defining and implementing JSON APIs for HSBC global payment systems using module based reusable Dojo widgets
- ➢ Working with and supporting offshore teams
- ➢ Building reusable themes
- ➢ Improving usability, accessibility and security
- ➢ JAWS screen reader and multi language (right to left) support
- ➢ Unit testing using DOH
- ➢ Documentation, mentoring and writing JavaScript best practises
- ➢ Automating Dojo build using node proxy and grunt.
- ➢ Technology Stack
  - o Dojo (1.8+), CSS3, Node, Grunt, SVN

3. **Senior UI Engineer** at Aimia Inc, London (August 2013 – February 2014)

Responsibilities:
- ➢ B2B loyalty points based bespoke web application development using following technologies:
  - o JavaScript, Backbone.js, Requirejs, Grunt, JQuery, HTML5 and CSS3 (LESS), Web sockets, RESTful API, Jasmine
- ➢ Refactoring, unit testing and web optimisation.
- ➢ Documenting and following JS best practises.

4. **Senior UI Engineer** at StreamHub, London (March 2013 – August 2013)

Responsibilities:
- ➢ Setting up standards and best practices for Front End development.
- ➢ Written Angular architecture for application.
- ➢ Worked on a thick client, real time single page HTML5 analytics application using following technologies:

- o   JavaScript, Angular.js, Backbone.js, JQuery, High charts, D3, HTML5 and CSS3 (LESS), Node.js, Big Data, Require.js, Web sockets and RESTful API, Jasmine, Play framework
- ➢ Making sure code is efficient, refactoring and optimisation if required.
- ➢ Acting as scrum master if required.

5. **Senior Software Engineer** at News International, London (March 2011 – March 2013)

Responsibilities:
- ➢ Lead front end team in agile environment, setting up and maintaining very high standards for front end development across the web team.
- ➢ Worked on *The SUN* (http://www.thesun.co.uk), *News of the World* (http://www.newsoftheworld.co.uk/), *The Times* (http://www.thetimes.co.uk), *The Sunday Times* (http://www.thesundaytimes.co.uk) and **Fabulous** (http://fabulousmag.co.uk/)
- ➢ Following strict W3C standards, supporting all major browsers, smartphones and tablets.
- ➢ Optimised performance on many titles using tool and techniques like lazy loading, image spriting, JS compression, dyna trace and why slow.
- ➢ Revamped entire SUN site.
- ➢ Coded SUN video player using Flex framework.
- ➢ Implemented SUN football match centre from scratch.
- ➢ Dealt with third parties (Ooyala, Rubicon, inSkin, LiveFyre, Chartbeat PA, Stats, Tealium) on daily bases and integrating their products.
- ➢ Did bespoke social media integration.
- ➢ Ensured optimization, accessibility, functionality and UX of these titles.
- ➢ Introduced Unit Testing using jasmine (BDD)
- ➢ Documented code using jsdocs and written best practises for front end development.

6. **New Media Developer** at MMT Digital, Midlands, Uppingham (June 2008 – March 2011)

Responsibilities:
- ➢ Front end/Web development in Flash, JavaScript, jQuery, AJAX, XHTML, XML and CSS
- ➢ Designed and developed interactive cross browser compatible websites and UIs
- ➢ Ensured optimization, accessibility, functionality and UX of websites
- ➢ Developed RIAs, implemented web widgets and web based APIs (Google, Twitter etc.)
- ➢ Cross platform desktop/web application development in Adobe AIR and Flash/Flex builder
- ➢ Developed and maintained content manageable websites using Content Management Systems (MOSS and Kentico)
- ➢ Assisted in the planning of overall company policy regarding search engine optimization and web development
- ➢ Analysed, reviewed and modified web systems by designing, maintaining, documenting, testing, developing and monitoring them.

➢ Done database-backed websites development using MySQL, PHP and combination of other languages for instance AJAX and XML based Flash pieces
➢ Mobile application development using third party tools such as Elips (Flash builder based tool) and phone gap (Web based tool)
➢ Most of the development mentioned in above points has been done using Agile methodologies (Scrums)
➢ Estimation/Costing of some web based tools and web sites for project managers

7. **Programmer** at A. Ventures Marketing Pt. Limited, Chandigarh (India) (Nov 2003 – Jun 2006)

Responsibilities:
➢ Captured requirements and designed appropriate prototypes
➢ Written code in VB, C, C++ and Java with the other members of development team on various projects
➢ Managed database in MySQL and Microsoft Access
➢ Server side scripting using PHP
➢ Cross platform web site testing

PROFESSIONAL QUALIFICATION

➢ **MSc (Computing Information Systems and Maths) in Web Development** from Kingston University, London
DURATION**:** Jan 2007 – Mar 2008

➢ **MCA (Masters in Computer Applications)** from IASE University (Institute of Advanced Studies in Education), Rajasthan, India
DURATION: Jul 2004 – Jun 2006

➢ **BSc (HON.) in Computer Science** from Trinity College and University , London
DURATION: Sep 2002 – Jul 2003

➢ **BTEC HND** (Higher National Diploma, Edexcel) in Computing from Tata Infotech Ltd., Chandigarh Sector 17-B
DURATION: Aug 2000 – Mar 2002

SKILLS and SERVICES

| Skills | ● Modular/ OO JavaScript |
| | ● HTML5 |

	- CSS2, CSS3 - CMS (Escenic, MOSS and Kentico) - SVN/GIT - DSDM (Agile Methodologies) - AS3/Adobe Flash/Flex builder and Abode AIR
Frameworks, Libraries and tools	- jQuery, Angular, Backbone and Dojo - JSON/AJAX/XML/Web Sockets - jasmine (BDD) - Grunt and Bower - Requirejs - Modernizr - Sass and LESS - Fluid Grids and Responsive Design - Progressive Degradation - Web Optimisation - Jira – bug tracking tool
Working Knowledge	- NPM and Node.js - JSP - Scala/Play framework - Java - PHP
Additional Concepts	- SEO - Software Engineering - UML and Software Development Life Cycles (Scrums, Traditional , RUP, DSDM) - Requirements Analysis - Networking - Data Communication

Profiles:
Linked in
Stack overflow
Stack overflow careers