Priyam Banerjee
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Summary:

- Over **3 years** of experience in requirement analysis, design, development, testing, implementation, and support using **Object Oriented Methodologies** with a wide array of programming languages.
- Over **3 years** of experience in **Front End Web Development** for both **mobile devices** and **desktop browsers** using tools such as **HTML, CSS** and **JavaScript**.
- Created data-driven websites using **PHP/MySQL, and** web-frameworks like **Ruby on Rails** and **Django**.
- Good understanding of the **REST** constraints, and making applications **REST**ful.
- In-depth knowledge of the **Software Development Life Cycle** (SDLC).
- Good understanding of **Data Structures and Algorithms**, **Database concepts**, **Design Patterns** and **Networking Technologies.**
- Good experience in using version control tools including **Subversion** (TortoiseSVN) and **git**.
- Built a compiler from scratch for the decaf (stripped down Java) programming language using **lex, yacc** and **LLVM**.
- Self-motivated and possess strong analytical skills. Effective communicator, adept in delivering superior customer service, helping bridge the business and technical communities.
- Willing to learn and adapt to new technologies and tools.

Technical Skill Set:

Software Design Methodologies	:	SDLC, OOAD
Networking Technologies/Protocols	:	TCP/IP, UDP, HTTP, URL, OSI Model, DHCP, LAN, SSL
Web Development	:	HTML5/Jade, CSS3/Sass/Compass, JavaScript, PHP, Python, Ruby
Databases	:	MySQL, MongoDB
Configuration Management	:	SVN, git
Web Frameworks/libraries	:	Ruby on Rails, Laravel, Django, jQuery, Backbone.js, AngulasJS, Node.js, Express, Meteor
Mobile development	:	Phonegap
Other Workflow tools	:	Browserify, npm, Bower, Yeoman, Grunt, Gulp, RequireJS
Testing	:	Jasmine, RSpec

Educational Qualification:

Simon Fraser University, Burnaby, BC
BSc, Computing Science, Specialist Major in Software Engineering   August 2007-December 2011

Mithibai Junior College, Mumbai, India
Grade 11 and 12   August 2005-April 2007

Professional experience:

LearningMate Solutions, Mumbai, India
Duration **June 2015 – November 2015**
Position: *Sr. Software Developer*

Company Description: Learningmate Solutions provides education web apps for clients in the USA and Canada

Job Responsibilities:
- ➤ Front end web development, building front end with HTML(5), CSS(3)/Sass, Object Oriented Javascript/Jquery, and JSXGraph
- ➤ Designing, writing code and completing moderately complex web development tasks following detailed specifications
- ➤ Conducting detailed analysis of defined systems specifications and developing and documenting designs that meet applicable standards; identifying, analyzing and resolving moderately complex software and design inadequacies
- ➤ Providing design recommendations to improve visual design and usability
- ➤ Mentoring and delegating tasks to 5 junior software developers

    Environment: HTML, CSS, JS/Jquery, JSXGraph

Central 1 Credit Union, BC, Canada
Duration **July 2014-March 2015**
Position: *Web Developer*

Company Description: As the primary liquidity manager, payments processor and trade association for member credit unions in B.C. and Ontario, Central 1 provides financial products, investment banking services, payment processing solutions and direct banking services, as well as leadership and advocacy on behalf of the credit unions they represent

Job Responsibilities:
- ➤ Front end web development, building front end with HTML(5), CSS(3)/Sass, Object Oriented Javascript/Jquery, and Meteor.
- ➤ Designing, writing code and completing moderately complex web development tasks following detailed specifications
- ➤ Conducting detailed analysis of defined systems specifications and developing and documenting designs that meet applicable standards; identifying, analyzing and resolving moderately complex software and design inadequacies
- ➤ Providing design recommendations to improve visual design and usability
- ➤ Implement and monitor SiteCatalyst code to track website performance.

    Environment: HTML, CSS, JS/Jquery, Meteor, SiteCatalyst, Wicket, nodejs, Express, Angular.js, Grunt, RequireJS

NerdCorp Entertainment, BC, Canada
Duration **May 2012-July 2014**
Position: *Front-end Developer*

Company Description: Nerd Corps Entertainment is a Canadian computer animation studio based in Vancouver, British Columbia, Canada. The studio is best known for producing the animated series Dragon Booster as well as Storm Hawks and League of Super Evil.

Job Responsibilities:
- ➤ Full stack web development, building front end with HTML(5), CSS(3)/Sass, Object Oriented Javascript/Jquery, and back-end with PHP.
- ➤ Built custom scroll effect using HTML5 Canvas and Javascript for homepage of www.slugterra.com
- ➤ Used OO Javascript and jquery animate() to create animations for Slugterra Duel game, found at www.slugterra.com/slugslinger_duel
- ➤ Used Jquery, HTML5 Audio and ffmpeg-php library to create custom video creation application, found at www.slugterra.com/video_mashup
- ➤ Built in-house MVC Framework using PHP Smarty templating system.
- ➤ Implement and monitor google analytics code to track website performance.

    Environment: HTML5(Canvas,Video,Audio), CSS3/Sass, Jquery/Javascript, Angular.js, PHP(Yii), SVN, Smarty, Google Analytics, Heatmaps

Research in Motion/Blackberry, Mississauga, ON, Canada
Duration **January 2010-April 2010**
Position: *Web Developer*

Company Description: Research In Motion (RIM) is a global leader in wireless innovation, that revolutionized the mobile industry with the introduction of the BlackBerry® solution in 1999

Job Responsibilities:
➢ Created solutions to programming issues on a continuous basis, along with **optimizing code** for better performance.
➢ Responsible for **developing and optimizing core code modules and templates** while using these modules/templates on live production projects.
➢ Used **SVN** for source code maintenance and OMS (Propriety Tool) for bug tracking and maintenance.
➢ Worked with **Network Media Services** department, where in the user can download updated data and Trailers for upcoming movies by connecting to the client's server.
➢ Performed preliminary quality checks on the projects to eliminate errors or omissions.
➢ Voluntarily participated in the development of automated tools, processes and methods.
➢ Collaborated with senior developers to conduct design and code reviews.
➢ Developed and documented test cases to support software development and verify software functionality and compliance to client and internal specifications.

 <u>Environment:</u> **Object Oriented Programming, JavaScript, HTML, SVN, Core Java, Web services, XML, Windows XP, Vista, ANT/Maven, IntelliJ IDEA IDE, MS Suite, Design Patterns.**

Glentel Inc., Burnaby, BC, Canada
Duration **January 2009-May 2009**
Position: *Java Programmer*

Description: GLENTEL (TSX: GLN) is a leading provider of innovative and reliable telecommunications services and solutions in Canada and the United States.

Job Responsibilities:
➢ Developed new and maintained existing features for the application, based on the requirements.
➢ Discussed the new features with the Payroll department and Implemented Presentation Layer using **JSP** and **Servlets**.
➢ Developed the application using the classic **Model-View-Controller** architecture.
➢ Wrote **Procedures and queries** to extract data from the Database.
➢ Deployed the application using **ANT/Maven** on **Apache Tomcat**
➢ Was involved in testing the application with the QA team
➢ Documented the whole application along with inserting comments in the code for future use

 <u>Environment:</u> **Object Oriented Programming, Core Java, JSP, Servlets, SVN, XML, SQL, Apache Tomcat, ANT/Maven MVC Architecture, Eclipse IDE, MS Suite, Windows XP.**

Volunteer Experience

➢ Engineers without Borders   May 2008-present
    Volunteer for the School Outreach team and organize workshops for students
    (grades 4-8), informing them about issues in international development

➢ Burnaby Citizens Association   September 2011-December 2011
    Volunteered with the Burnaby Citizens Association for the 2011 municipal elections

 <u>References: Available upon request</u>