BHANU GUPTA

(484) 541-6039 Springfield, NJ   guptabhanu90@gmail.com   **PORTFOLIO**   **GITHUB**   **LINKEDIN**

SKILLS   Ruby, Rails, React, Redux, JavaScript, PHP, PostgreSQL, MySQL, SQLite3, jQuery, AJAX, HTML5, CSS3, Wordpress, AWS S3

PROJECTS

Funbook (Rails, Ruby, React, Redux, PostgreSQL, Javascript, HTML5, CSS3, AWS, Heroku)   live |
github

A single-page Facebook clone, where users can connect with friends and family, see and share updates
- Optimized the code for getting a user friend's data by defining customized associations using scope blocks in Rails preventing extra SQL queries
- Decreased the server load by hosting all images on AWS cloud platform that resulted in a faster page load time
- Built a dynamic user-friendly multiple photo upload and display with a post feature using CSS grid
- Planned the number of asynchronous requests and the amount of data fetched per request giving the user a seamless browsing experience on the component heavy website

Monkey Bubble Shooter Game (Javascript, HTML5 Canvas, CSS)   live | github
A fun, multi-level game, in which users must help their monkey friend retrieve bananas that have been trapped in bubbles
- Formulated a collision detection algorithm to calculate the right position of the shot bubble on the HTM5 Canvas grid, which prevents bubbles landing at random positions and prevents duplicate positions
- Implemented a random bubble board generation system, in which every level adds new coloured bubbles and randomly places them at different grid positions so that complexity of game increases at each level
- Incorporated HTML5 WebAudio API to add different sound effects, making the game more interesting and provides audio cues for users to better understand gameplay

EXPERIENCE

HR Intern

Quikr India Pvt. Ltd.   Apr 2016 - May 2016
- Designed and developed an employee portal using PHP, MySQL and Javascript with modules like recruitment, leaves & attendance management and referral. It helped in automating HR tasks and managing employee data in a structured way
- Collaborated with stakeholders in various departments to incorporate their feedback while designing each module such that the final design was very user-friendly and of great value to senior management

Software Development Engineer II

Jabong   Jun 2013 - Jun 2015
- Operated as scrum master of a seven member agile development team which led to 15% increase in team productivity
- Individually handled implementation of new features in the area of Search Engine Optimization, which had a major impact on the ranking of the website by the search engines
- Delivered some major features in the areas of search, user profile, catalog working across the full-stack using technologies like PHP, MySQL, Yii, Zend, Javascript, HTML and CSS, all of which increased the conversion rate of the website
- Awarded as the Star Performer for debugging many critical issues on live website in record time

Software Engineer

Mediology Software Pvt. Ltd.   Jan 2012 - Jun 2013
- Created a responsive mobile version of the website *Readwhere*, an online reading and publishing hub using PHP, MySQL on the backend and Javascript, CSS, HTML on the frontend that enabled users to read or clip their favorite articles
- Developed various blogging websites using Wordpress and PHP which helped in meeting the unique needs of clients and customized in-built Wordpress themes and plugins to reduce development time

EDUCATION

Web Development - *App Academy, New York (Spring 2019)*
MBA - *XLRI Jamshedpur, India (2015-2017)*
Bachelors in Chemical Engineering - *BITS Pilani, India (2008-2012)*