Abhinav Tiwari

Technical Lead at Builder | BE(Hons.) BITS Pilani 2013

Address: DLF Phase3, Gurgaon, Haryana, India   **Phone**: +91 (958) 274 2467

Email: abhinavtiwari55@gmail.com   **LinkedIn:** http://www.linkedin.com/in/abhinavkt

Tech Lead and Full Stack Developer with 7 years of strong experience working on multifaceted software development cycle from Design and Development to Testing and Deployment. Loves to work on developing software solutions for real life problems.

SKILLS & EXPERTISE

- **Expertise Area -** Full Stack Software Development, SDLC, AWS, Object Oriented Programming(OOPs), Agile Methodology (Scrum), Technical Writing, Stakeholder Management, People Management, Team Management, User Experience
- **Tools:** RubyMine, Netbeans, Basecamp, Jira, Pivotal Tracker, AHA, MS Office - Word, Excel, PowerPoint
- **Database:** Postgres, MySql, MongoDB, Redis
- **Languages:** JavaScript, Ruby**,** Python, C, Java, HTML5, CSS, jQuery
- **Frameworks**: Node.js, Rails, Rspec, Angular, backbone.js, Struts

EXPERIENCE SUMMARY

Builder   (May 2017 – Now)
Technical Lead
- Leading team of ten developers which involves code reviews, mentoring, conducting **Sprint Planning**, **Scrums** and **Sprint Retrospectives**
- Designed and Developed Builder Studio which is a specing tool for tailor-made software. Technology stack consists of **Ruby on Rails** in Backend and **Angular** in Frontend
- Migrated Builder Studio product from **MongoDB** to **Postgres** database with **zero downtime** on production and less than 1 percent data issues
- Developed **pricing engine** to effectively calculate price based on factors like platforms, development phases and integrated it with Builder Studio
- **Dockerized** frontend and backend application to reduce application setup time for new developers
- Improved performance of Builder Studio app by optimizing APIs and using **server caching** with redis, used **Fast-json** and **Active model serializers** for json serialization
- Implemented **Elasticsearch** for searching, used **Redis** and **Sidekiq** for queue management
- Developed APIs in Ruby on Rails application for a social networking app which is focused on user's achievements. Additionally implemented user achievement score using normalized distribution
- Worked with Devops Team to implement **horizontal scaling** using multiple nodes and **AWS Elastic Load Balancer**

Shaadisaga   (May 2016 – May 2017)
Technical Lead
- Lead team of four developers to build the product and its backend services using **Ruby on Rails** tech stack
- Used services like **Redis** and **Sidekiq** for queue management and **AWS EC2**, **AWS S3** for server architecture
- Worked as **Scrum Master** and planned weekly sprints with the product team
- Ideated and Developed **lead management tool** to increase efficiency and effectiveness of sales team
- Maintained and monitored the servers using tools like **monit.** Also automated the database reports for the business development team
- Developed panel for vendor onboarding and approval process. In addition to this, developed blog and integrated it to the main product

Kinderlime Inc (Mar 2015 – May 2016)
Software Engineer
- Worked as **Full stack web developer** for web application build on **Ruby on Rails**. Kinderlime is a startup making it easy for schools to manage their child care and after school programs
- Worked on migrating rails app from Parse to Postgres database
- Worked on two iOS applications. Implemented caching for one of the apps using Core Data, Used operation queue to handle background operations also used libraries like AFNetworking, Crashlytics, AWSiOS

ClinchPad (May 2014 – Feb 2015)
Software Engineer
- Worked as full stack web developer for single page web application. ClinchPad is a **CRM tool** for leads management. Used CoffeeScript, backbone.js for Front end and **Ruby on Rails** combined with **Mongoid** for Backend
- Worked on a mobile optimized website of ClinchPad. Designed UI using jQuery mobile and developed application using backbone.js framework

MapmyIndia (July 2013 – April 2014)
Software Engineer

- Designed and developed store locator **mobile web application** for Honda. Designed UI using jQuery mobile and developed application using Struts framework
- Designed and developed sales tracking tool web application for **channel sales** force of MapmyIndia to improve efficiency and effectiveness of channel sales. Application comprises of two main modules: Getting data from users (Excel Format) and generating consolidated reports after **analysing** the data. Used Twitter Bootstrap for UI design
- Worked as a team member of **GIS Marketing Tool** which was developed for Dulux. Goal of this application is to analyse marketing data provided by clients and plotting Geo-fences showing data figures on information windows

ACHIEVEMENTS
- **Rockstar Badge** - 5 times in 2 years for my work at Builder
- Consistently rated as top **performer**, won accolades internally and appreciations from senior management
- Topper in Senior Secondary UP Board
- Awarded **Merit Scholarship in 10th and 12th UP BOARD examination** by UP State Government
- Completed **Algorithms-Design and Analysis, Part1** offered by **Stanford University** on MOOCs site Coursera.org