# VIKASH AGARWAL

**Software Engineer** 

Email: agarwalvikash209@gmail.com Mobile: +91 9738470900

D-207, GK Lake View Apartment, Ananthapura Road, Yelahanka, Bangalore-560064

### **PROFILE**

- Having 2 years 9 months of experience in developing Rich Web Applications using Ruby on Rails, HTML5, JavaScript, AngularJS, PostgreSQL and GIT.
- Outstanding ability to use the best practices in Ruby on Rails development and maintain efficient, reusable, and reliable Ruby code.
- Strong knowledge of Object Oriented Programming concepts.
- Experience in various stages of software development life cycle including requirements analysis, design, development, deployment with extensive knowledge in application development of various business applications.
- Proficient in developing highly interactive and Responsive User Interface (UI) applications using JavaScript, Angular JS, JQuery.
- Customized Date Picker library of Angular JS as per the requirement.
- Proficient in Model-View-Controller (MVC) architectures in Rails and Good knowledge on ORM concepts.
- Experience in Linux configuration and administration.
- Hands-on experience in working with version control systems and tools such as GIT.
- Hands-on experience in installation and configuration of multiple versions of Ruby using RVM (Ruby Version Manager) bundler install. Hands-on experience with common libraries such as SideKiq.
- Hands on Experience in Web Services using AJAX, RESTFUL API.
- Ability to learn and adapt quickly to the emerging new technologies and paradigms.
- Excellent communication, interpersonal and analytical skills and a highly-motivated team player with the ability to work independently.
- Identifying bottlenecks and bugs in the production application and providing best solutions with proper documentation.

## **SKILLS**

# **Ruby On Rails Development**

Designed, developed and implemented applications based on client requirements. Provided innovative solutions to complex business problems.

# **Client Interfacing**

Interfaced with clients and gathered business requirements and objectives. Translated clients' business requirements and objectives into technical solutions.

# **Project Direction**

Proven ability to lead and manage a variety of development projects in team and independent situations.

### **TECHNICAL**

Languages:

Ruby

Web Technologies: HTML, CSS, JavaScript

Rails, jQuery, Angular JS, Bootstrap Frameworks:

Platforms: Ubuntu 14 Web Services Integration: REST (JSON)

Sublime Text, Git, Jira Tools:

**Hosting Platforms:** Digital Ocean, Heroku, vCloud

# **EXPERIENCE**

# Estuate Software Private Limited | Bangalore, India

Software Engineer

Dec 2014 – Present (2 years 9 months)

Worked with a team of 6 members to develop ClaimTime, ETSA and contributed in the development of api's also for the Android and iOS app. Implemented push notification feature in the web. Interacted with client and gathered requirement from client. Maintains code standard while doing any development.

### **EDUCATION**

### B.Tech (EEE) - 7.5 CGPA

Biju Patnaik University of Technology | Bhubaneswar, Odisha, India

12<sup>th</sup> – 82%

DR. A.N. KHOSLA DAV PUBLIC SCHOOL | Rourkela, Odisha, India

2009

10<sup>th</sup> – 86%

DAV PUBLIC SCHOOL | Bandhabahal, Odisha, India

2007

### **PROJECTS**

Project Title: ClaimTime
Client: Ramsellcorp, USA

Tools: Ruby on Rails on Ubuntu, PostgreSQL, GIT Languages: Ruby

Role: Software Engineer Team Size: 6

Project Details: Claim Time Management System, CTMS is a time survey app for hospital, participating in the US Health care program under Obama Care. The purpose is to allow medical user to track their reimbursable time which will be reconciled with their Payroll Data. Supervisors assigned for them monitor there hours recorded and take appropriate actions based on the time entered.

Marketing Portal: <a href="http://www.ramsellphs.com">http://www.ramsellphs.com</a>
Product Portal: <a href="http://claimtime.ramsellphs.com">http://claimtime.ramsellphs.com</a>

#### Features:

- Easily report your MAA, TCM hours, even when working in the field
- User can Esign the same for further Approval
- · Reconcile time studies with payroll system and generate invoices
- User can create their work schedules(weekly or 9/80) and vacations accordingly
- Higher authorities can review Participants logged hours and can Approve/Reject accordingly with comments for the same
- Automatic and Manual Mail configuration for reminding Users if they have not logged their hours based on their schedules created
- Used Sidekiq along with Redis to implement background Jobs

### Contribution:

- Understanding the architecture of the project and work on the requirement whatever comes
- Push notification implementation
- PostgreSQL database and sync logic implementation for mobile devices
- Code optimization
- Extracting various reports based on requirements to excel workbook using axlsx\_rails gem

Project Title: ETSA

Client: Ramsellcorp, USA

Tools: Ruby on Rails on Ubuntu, GIT, Jira Languages: Ruby, Angular JS

Role: Software Engineer Team Size: 3

Project Details: Cross verification by fetching records from various counties and comparing them with

ClaimTime, giving a wide range of comparison and generating TCM reports for invoices

Marketing Portal: <a href="http://www.ramsellphs.com">http://www.ramsellphs.com</a>
Product Portal: <a href="http://etsa.ramsellphs.com">http://etsa.ramsellphs.com</a>

# Contribution:

- Creating UI of the project using Angular directives for Bootstrap
- Fetching records from Counties by api or SFTP(csv/json/txt)
- Comparison logic based on records fetched from counties and ClaimTime
- Extracting data in .csv file from database