

## YUGESH REDDY PALVAI

(+91) 9000-284-387 | <https://www.yugeshpalvai.info> | [yugeshpalvai21@gmail.com](mailto:yugeshpalvai21@gmail.com)

### PROFESSIONAL SUMMARY:

- Over 8 years of robust experience in developing scalable and dynamic web applications, primarily using Ruby on Rails, with expertise in leveraging industry-leading gems and other technologies.
- Proficient in implementing key design patterns within Ruby on Rails, such as Rails Services, Serializers, Null Object, Presenters, Decorators, and Policy Objects.
- Skilled in testing methodologies using RSpec, Capybara, Jest, and React Testing Library. Dedicated to maintaining code quality with tools like RuboCop and Brakeman.
- Extensive knowledge and hands-on experience with relational databases such as PostgreSQL and MySQL, complemented by the use of Redis for in-memory data storage.
- Expertise in front-end technologies including HTML5, CSS3, SASS, JavaScript (ES6+), Bootstrap, and Tailwind CSS. Skilled in creating responsive, user-friendly interfaces.
- Proficient in server-side development with NodeJS, utilizing frameworks such as Express and Koa.
- Proficient in utilizing Prisma as an ORM and implementing IoC (Inversion of Control) with Inversify to optimize dependency management in NodeJS applications.
- Extensive use of TypeScript and Sorbet for static analysis to enhance code quality in Ruby applications.
- Skilled in ReactJS and related technologies, adept at crafting responsive and dynamic user interfaces. Familiarity with React Native for mobile application development.
- Proficient in API development and integration, specializing in GraphQL for efficient API querying and client-side communication with Apollo Client.
- Skilled in Git and GitHub, version control, and workflows for efficient project management.
- Hands-on experience with AWS (S3, EC2), Heroku, and DigitalOcean for cloud services.
- Experience with Kafka for message brokering and Sidekiq, Temporal for job processing.
- Implements monitoring solutions using New Relic and Datadog, integrates error tracking with Bugsnag and Sentry for comprehensive performance monitoring.
- Implements feature flags using Launch Darkly. Familiarity with GitHub Actions and Docker.
- Diverse expertise in RESTful APIs, gRPC, Web Sockets (Action Cable) for real-time communication, and foundational understanding of SOAP for integration needs.
- Sound understanding of system design, skilled in creating Architecture Decision Records (ADRs), and designing solutions with critical thinking for complex technical challenges.
- Strong communication skills shown through effective collaboration with cross-functional teams.

### TECHNICAL EXPERTISE:

- **Proficient:** Ruby, Ruby on Rails, RSpec, Capybara, JavaScript, TypeScript, NodeJS, GraphQL, ReactJS, Redux, HTML5, CSS3, SASS, Bootstrap, AJAX, JSON, JEST, React Testing Library, PostgreSQL, MySQL, Git/GitHub, Linux (Ubuntu) / Mac OSX.
- **Intermediate:** Redis, Tailwind CSS, AWS (S3, EC2), Heroku, Docker, Go Lang.
- **Beginner:** React Native, NoSQL (MongoDB), CircleCI (CI/CD), Elasticsearch.

### EDUCATION:

- Bachelor's degree in computer science engineering from JNTU, Hyderabad, India.

## **PROFESSIONAL EXPERIENCE:**

### **Senior Software Engineer – Ajackus Consulting LLC, India**

**March 2022 – Present**

- Led the development of multiple dynamic web applications, each with a diverse tech stack, including Ruby on Rails, React, Node, TypeScript, GraphQL, GRPC, Go Language, Kafka, and AWS
- Actively participated in the entire software development life cycle, from initial planning and user story refinement to technical scoping, implementation, and deployment.
- Played a pivotal role in system design, creating Architecture Decision Records (ADRs) to document crucial technical choices and guide future development efforts.
- Collaborated closely with cross-functional teams in Agile environments, contributing to user story refinements, bug fixes, and technical scoping sessions.
- Conducted thorough code reviews (PR reviews) to ensure code quality, adherence to best practices, and knowledge sharing within the team.
- Implemented features to enhance application functionality, addressing user needs and business requirements, and ensured timely delivery of high-quality solutions.

### **Independent Full Stack Developer - Vacadruma Enterprise Solutions, Houston, TX**

**September 2017 – March 2022**

- Led analysis, design, development, integration, and testing of application modules using Agile.
- Developed and enhanced high-quality web applications in Ruby on Rails, JavaScript (jQuery, ReactJS), PostgreSQL, and Bootstrap, ensuring codebase maintenance and improvement.
- Implemented Behavior Driven Development (BDD) with RSpec and Capybara, leveraging Restful APIs for data acquisition.
- Identified and resolved routine bugs to maintain application stability.
- Integrated third-party systems to expand product capabilities efficiently.
- Created Ruby on Rails JSON APIs to support ReactJS frontend development.
- Deployed Ruby on Rails applications to staging, production environments such as Heroku.
- Collaborated closely with product owners and team members throughout the product lifecycle, utilizing latest tools for effective communication and coordination.

### **Full Stack Developer (Own Application) - Rubycommunity.org**

**February 2016 – December 2020**

- Solely developed application from scratch.
- Designed mobile-friendly responsive web pages using Bootstrap.
- Handled API Integrations like YouTube, PayPal, Stack Overflow.
- Implemented authentication, authorization using Devise, Pundit and Rolify.
- Implemented MVC by following BDD Approach using RSpec and Capybara.
- Deployed to cloud Heroku and scaled both vertically and horizontally.

### **Ruby on Rails Developer - Freelance**

**November 2014 – August 2017**

- Created Secured, Dynamic Responsive Web Applications with Ruby on Rails, HTML, CSS, JavaScript, jQuery, PostgreSQL, and Bootstrap, adhering to web standards best practices.
- Developed all kinds of apps such as Static, CMS, Non-Profit, E-Commerce, or SASS.
- Improved code modularity with Refactoring, DRY principles, and brings Optimal User Experience.
- Shipped new features by ensuring the service is fast and reliable.
- Built integrations with third-party systems to quickly add new capabilities to the product.
- A self-starter, comfortable working independently and taking an important level of responsibility.

## **SOME PROJECTS THAT I CONTRIBUTED TO:**

### **VTS ACTIVATE - <https://www.vts.com/vts-activate>**

- Actively participated in multiples epics and took challenging tasks. and finished within deadline.
- Consistently strive for accuracy, attention to detail, and delivering work of high standards. To ensure my work meets or exceeds expectations, for every ticket I carefully review the task requirements and clarify any uncertainties with Product and Design team.
- I set clear goals and milestones, create detailed plans and regularly seek feedback to make necessary adjustments and ensure that the final output aligns with the desired standards.
- Collaborated closely with cross-functional teams in Agile environments, contributing to user story refinements, bug fixes, PR reviews and technical scoping sessions.

### **VTS MARKETPLACE - <https://www.vts.com/vts-market>**

- Build integrations with third-party systems to quickly add new capabilities to the product.
- Built Ruby on Rails APIs for ReactJS on the frontend.
- Took responsibility of improve typing (using Sorbet) for my Squad owned code. I'm very happy to share that I've increased typing from 0% to 73% in single sprint.
- Fixing routine bugs that come up from time to time.
- Successfully demonstrated multiple features, also ran team rituals with different region teams.

### **VTS LEASE - <https://www.vts.com/vts-lease>**

- Actively participated in brainstorming sessions, contributed ideas, and collaborated with team members to develop a good epic plan.
- Build end to end solutions in creating Apis, using Rails in the back-end and React in the front-end
- Conducted thorough code reviews (PR reviews) to ensure code quality, adherence to best practices, and knowledge sharing within the team.
- Wrote acceptance specs for existing functionality using Capybara, RSpec and others.
- Improved code modularity with Refactoring, DRY principles, and brings Optimal User Experience.
- Adopt the product environment quickly and learn new things at a fast pace.

### **RubyCommunity.org - <https://www.rubycommunity.org>**

- The idea of this application is to bring all the Ruby developers at a single place, where they can find the best articles, able to write their own articles and also can find Ruby Jobs, Courses, and Books, etc...
- Solely developed application from scratch.
- Implemented all features by following BDD Approach using RSpec and Capybara.

### **JoinHundred - <https://www.joinhundred.com>**

- Fixing routine bugs that come up from time to time.
- Build integrations with third-party systems to quickly add new capabilities to the product.
- Built Ruby on Rails JSON APIs for ReactJS on the frontend.

### **WellaDigital - <https://welladigital.com>**

- Shipped new features by ensuring the service is fast and reliable.
- Maintained an existing MVC code base in Rails, HTML, CSS, JavaScript, jQuery, Postgres and Bootstrap.
- Wrote unit and integration testing using RSpec to ensure systems work as intended.