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PROFESSIONAL EXPERIENCE

1. Sigmainfo Solutions Pvt. limited (June 2015 – april 2018)

- Joined as a fresher (campus recruited) in 2015 and cleared a training period of 4 months based on professional web-technology courses from Lynda.com.
- Most of the training involved self learning and hands-on experience as we were still discovering Ruby on Rails.
- Gained extensive exposure on all aspects of software development, right from software inception, development and testing.
- Underwent extensive training to learn about developing the **Agile methodology** of development. Responsible for implementing Agile method of software development in SigmaInfo solutions.
- Took up the role of '**sharer**' apart from being a developer. The primary responsibility of this role is to ensure continuous flow of knowledge and raise technology awareness of all employees throughout the company. Devised multiple best practices, techniques and events as part of this role.
- Served as a **key decision maker** for technology choice for all projects I have worked on.

A few notable projects:

Advancion Energy Storage(AES) is a leading Energy Storage firm in US. The solution developed provides an intuitive environment for monitoring and controlling a remotely located control system (Human-Machine Interface, usually used in Energy grids) using a consumer touch device such as an iPad or even a web browser as a secondary interface. Dashboard was developed to control and switch the states of the service modes to manual or automatic at various layers (such as site/unit/rack levels)

- **Roles:** Developer and QA (September 2015 – Mar 2017)
- **Technology stack: Backend:** Ruby on Rails(3.1.2, 4.2, 5.1), Redis,ModBus(TCP/IP), MySQL. **Frontend:** JQuery Mobile,D3.js
- **Deployment stack:** Thin Server + Nginx (later Puma)
- **Challenges Faced:** Performance optimization for optimal load average of server, Memory leaks due to redis, Connection drop in websockets dispatcher, Refactor the entire codebase for better performance
- **Key contributions:** Maintenance of existing 6 storage plant and plant specific configurations, development of new features required for expanding the storage plant, refactoring the entire codebase to make it improve code readability and for performance optimizations, migrating the entire project to Rails 5 (**had been awarded employee of the quarter**)

HASHECM(Kuwait Petroleum): Task Workflow (www.conciergekeyhealth.com) The client is an service-based organisation with primary focus on large Middle-East corporates that provides consumers work management and collaboration tools

- ➔ Role – UI Developer/Reviewer (Mar 2017 – June 2017)
- ➔ Technology Stack – IBM fileNet, Angular 4
- ➔ Key Contributions – Developing Responsive User interface as per designs spec and integrating Filenet APIs to that results in a role based hierarchical task management system, Reviewing code for quality checks and best practices within the framework
- ➔ Challenges Faced: Maintaining Cross Platform support, supporting Legacy browsers like IE9 and ensuring the application behaviour is consistent across the same.

Conceirge Key Health (www.conceirgekeyhealth.com) The client is an app-based service that provides consumers access to elite, peer-vetted physician specialists across multiple specialties on-demand, allowing patients to choose from a wide variety of specialists and see them quickly and according to patient's schedule.

- Role – Developer (July 2017 – april 2018)
- Technology Stack – Ruby on Rails (5.1), MySQL, Stripe Connect, ElasticSearch, Sidekiq.
- Server stack – Puma.
- Key Contributions – Developing Web and API components for the iOS clients, Exploring ElasticSearch and setting it up into the application,integrating APNS(apple push notification services) Setting up Stripe Connect for linking bank accounts,credit cards and enabling scheduled payouts over stripe.
- Challenges Faced: Understanding ElasticSearch custom script fields, ensuring the application meets HIPAA(Health Insurance Portability and Accountability Act) compliance

2. Infrd.ai Pvt. limited (april 2018 - current)

- Infrd is a leading **Machine Intelligence** partner to Banking, Financial services and Insurance industries across the globe, headquartered in San Jose with development centre in Bangalore, India
- Joined as a Full stack developer, I was able to quickly adapt to the new work culture and coding standards
- Within my second quarter at infrd, was awarded '**employee of the quarter**' award
- Apart from being recognised for writing beautiful and **readable code**, i was also appreciated for establishing **effective client communication** and right expectations
- Took up the responsibility of leading a team, this enabled me to work, mentor, share knowledge and raise technology awareness amongst my team members

- Served as a **key decision maker** for approach devising, design suggestions and work estimations.

A. Roostify (www.roostify.com): The client is an app-based service that provides enhanced lending experience for everyone involved in the home buying process. Roostify is transforming the mortgage industry with an innovative and integrated platform that's streamlining the entire digital lending experience.

→ **Role:** Senior Developer/Lead (april 2018 - Mar 2020)

→ **Backend stack:** Ruby on Rails (5.1) (micro-serviced), Postgres

→ **FrontEnd technologies:** Vue.js, React.js , Haml, Coffeescript

→ **Integration technologies:** Accountchek, fannie mae, Yodlee , Amazon S3

→ **Deployment stack:** Unicorn, Webpacker, Heroku, AWS

→ **Key Contributions:**

i. project - **Curb Appeal (April - Nov 2018)**

- ◆ Developing Backend core implementation,
- ◆ Building an whitelabelling setup, to customize the application as the customer's specification
- ◆ Meta programming from builders to have component based approach for a business requirement to have dynamic, customizable forms
- ◆ Frontend revamped to Bootstrap 4, that also let to fixing the entire acceptance test suite

ii. project - **UX Lender (Jan - June 2019)**

- ◆ Revamp of Lender experience with the new design spec
- ◆ Performance improvements by differential/lazing loading
- ◆ upgrading Lender UI to 99% compatible with WCAG 2.0
 - (keyboard navigation, HTML standards, screen reader compatible..)
- ◆ BEM guidelines introduction

- ◆ Revamp The chat messenger to be whitelabelled
- ◆ Moved Key UI components into React

iii. project - **URLA 1003 revision (July 2019 - March 2020)**

- ◆ Updating Borrower facing Loan application forms to new URLA reforms from Fannie Mae
- ◆ Updating Esign Service, Automated Underwriting service and many others
- ◆ Updating Third party integration to support URLA 1003, MISMO 3.4, Credit reporting Services like EquiFax, AccountChek...etc

→ **Challenges Faced:** adhering to US standards for banking applications like, ADA Act, WCAG 2.0 certification, ECOA Act, Data Privacy.

B. Infrd's IDP Platform (**Intelligent Data Processing**) (www.infrd.ai)

Infrd helps enterprises drive process innovation by removing manual processing bottlenecks and automating data extraction from documents. high-quality data extracted from complex, unstructured documents with 100% accuracy guarantee. These are documents that are too complex for OCR, and until now have required a skilled human to process.

- **Role:** UI Lead/Owner (March 2020 - current)
- **Backend Technologies:** Java - spring boot(micro-serviced), AWS s3, Elastic Search, Mysql, Python, Open CV, google Vision, Azure OCR, AWS serverless
- **FrontEnd technologies:** Angular 8.x
- **Deployment stack:** Webpacker, Nginx
- **Key Contributions:**

i. Model Management Dashboard

- ◆ Established Delivery workflow for UI, setup Github standards for multiple teams to develop seamlessly without any major collision
- ◆ Performance optimizations by eliminating libraries and switching certain aspects of the application to relatively similar solution for business requirements
- ◆ Switched the application to lazing loading of modules
- ◆ Integrated google analytics
- ◆ Build and integrated Github Actions checks as part of CICD across all repos of the Tech Stack

ii. Correction UI Dashboard

- ◆ CUI dashboard performance optimizations
 - ◆ Built a new UI feature for table/LineItem extracted data representation
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TECHNICAL SKILLS

- **Languages:** Ruby, Javascript, CSS, Typescript, Bash, Python
- **Frameworks:** Ruby on Rails 3+, Angular 2+, Vue.js, React.js 16.x
- **Source control tools:** Git
- **Database:** MySQL, PostgreSQL, MongoDB, Redis, ElasticSearch
- **Deployment Tools:** Capistrano, Jenkins(CI), Docker, Nginx, Github Actions
- **Testing Tools:** Rspec, Cucumber, Jasmine
- **Reporting Tool(Agile/KANBAN):** JIRA
- **Deployment Servers:** Unicorn, Phusion passenger, Nginx, Heroku, AWS E2
- **Operating Systems:** Linux(Ubuntu/Fedora), Windows, MacOS

EDUCATION

Bachelor of Engineering in Computer Science (VTU)

Vidya Vikas Institute of Engineering and Technology, Mysuru, May – 2015

Karnataka State PUE Board

St.philomena's PU College, Bannimantap, Mysuru, May - 2011

Work Permit Status(United States)

I currently hold a H1b Visa with current validity upto oct 2022, however since I haven't travelled yet, re-capturing can be applied to extend the validity after 6 years.

Hobbies and Interests

I spend my time on my guitar, long bike rides and playing badminton. I like learning new things at work. I'm interested in audio mixing and mastering. I like taking solo trips, I love stand up Comedy. And I like spending time with my friends and family.