

Alaksandar Jesus Gene

Phone: +91- 9042013581 | Email: alaksandarjesus@yahoo.co.in

Stack Overflow - <https://stackoverflow.com/users/2491541/alaksandar-jesus-gene>

GitHub - <https://github.com/alaksandarjesus>

Summary

- Experienced **Full Stack Developer**/ Web Developer/ Software Solution Architect, with **10+** years in the industry and high-level proficiency with project management experience looking for production work that maximizes my skill set and outgoing personality.
- Worked extensively in the **start-up** product-based company like **Jiva Sciences** and **ZipCaars**. Delivered the software as a Service (**SaaS**) as a whole or in parts by working with distributed team.
- Very familiar and experienced with **Web Application Architecture** and have worked with a good number of successful development teams.
- Excellent ability to translate technical concepts to non-technical individuals. Proficient in the use of **Agile delivery** tools such as Confluence, **Jira**, or AWS cloud
- Actively participate in developer community such as **Stack Overflow** and **GitHub** for Q&A and code contribution
- Stays plugged into **emerging technologies** and industry trends and applying them onto operations and activities. Helped team by providing well-informed inputs to key decisions.
- **Architected stable and scalable platform** to work in remote part of India that they do not always have the stable Internet connection
- Closely **collaborated** with the **Business/UX team**, matching the visual design intent to create adaptive website layout and user interface by using standard HTML and CSS practices.
- Created data model and controller that were responsible for integrating data from various backend and services and database to **sync data seamlessly** between the server and the client devices.
- Great communication and time-management skills with the ability to be depended on by colleagues to deliver good quality work in good time
- Willingness, and proven ability to quickly acquire proficient development skills in **new areas and technologies**. Ability to work in a highly collaborative and open communicative environment
- Excellent knowledge of **modern web development frameworks** and tools with strong front-end skills in JavaScript, JQuery and HTML.
- Strong organizational, **visual design**, layout, graphic design skills with attention to detail, analytical ability to perform data analysis, and troubleshooting across many disparate systems
- Skilled and experienced in setting up our **modular data models**. Ability to write well designed, testable, efficient code by using best software development practices.

Education

- Master's in Communication Systems Engineering, Mepco Schlenk Engineering College

Technical Skills

- HTML, CSS 3, Vanilla JavaScript, ECMA 6 Standards, jQuery, Angular JS, Angular TS, React, Knockout.js, Lodash (JavaScript library), Vue.js (open-source model-view-viewmodel JavaScript framework), Moment, Material Design, SCSS, LESS, Bootstrap, Foundation, Core PHP, Laravel, Code Igniter, WordPress, Joomla, AWS, OpenCart, Node JS, Express JS, HAPI, MySQL/ PostgreSQL/ MongoDB, GitHub/ Git, Linux, Confluence, Jira

Professional Experience

Straive Inc Senior Executive (Full Time)

Jan 2021 / Jan 2024

Over the years, the company has established itself as a leading e-learning solutions partner for online K-12 and higher-ed providers, as a specialized solutions provider for top business information and financial platforms, and as the leading content services provider to research and education publishers. Straive also recognizes the untapped potential of unstructured data across industries. In line with that, Ed-Tech, Data Solutions, Research and Education Content Services would form the core pillars of the company's long-term vision.

- **Skill Matrix Tool** – Front end development for skill matrix tool for different level of employees and time based analysis tool on their progress.
- **Bulk Image Processing** – Created Javascript Plugin that can be used in photoshop to import images in bulk from the specific folder, update the height and width based on specifics given in json and retransform the image to provided resolution
- **Session Management** - To make sure a specific link is opened by only one user at one time, the session management of the file and location are maintained in the database using websocket the file permissions are managed
- **Collaboration** - Using TogetherJS from firefox the collaboration tool for the editor was created and helped the backend to setup the proxy configuration on the apache server
- **Find & Replace** - A recursive function was written to extract the html text and using cheerio the structure of the html is updated based on the given rules in json .
- **PDF Annotation Tool** – Integration of PDF annotation tool with Angular 10 application, to generate annotations for text & images, based on the dynamic input field.
- **Image Annotation Tool** – Integration of Image annotation tool (annotorious), an open source project, to generate annotations to identify Region Of Interest. As an extension to the annotorious project, a select dropdown module was developed and <https://github.com/recogito/recogito-client-core/issues/51>. This project caches 50-60 images on the browser using INNODB, captured from thrid party storage, as base64 and populates based on demand
- **Reveiewer Tool** – Integration of api based search to angular based application to fetch authors of similar articles to identify their contribution to other articles
- **Article Scraper** - Used python libraries to scrape authors from the json api provided by NCBI.
- **Editorial Tool** – Integrated a simple copy paste functionality from one page to another page, to existing chrome plugin used, where destination page has multiple rows of dropdown and dropdown fields are selected based on the copied content
- **eCrash Tool** – Uses the pdf annotation tool to capture the data of submitted form information in pdf and populate the data based on the json format provided in nested form.
- **Tower Tracking Tool** - Full stack code development to search, store attributes of mobile tower using Flask framework

Jiva Science Private Limited Full Stack Developer (Consultant)

May 2020 / Jan 2021

Jiva Sciences is a start-up that takes up Research Process Outsourcing (RPO) in the areas of bio-engineering, the business model is different from Contract Research Outsourcing (CRO), as in the latter, the design of the experiment and what steps to be taken for getting to the objective is specified by the client. In the case of Jiva Sciences, the development will require significant amount of original work by the company together with client collaboration.

- Hired to harnessing solutions through scientific endeavor. Built a comprehensive dairy farming management software **platform** providing better veterinary services enhanced by Jiva devices
- Covered crucial need of successfully gathering and refining specifications and requirements based on technical needs.
- Worked with the mobile development team to provide efficient **REST API interfaces**. Delivered well written software documentations and worked as a team together to maintaining, expanding, and scaling the platform.
- Hired as part of Gausoft project and responsible for html design as per standards in compliance with wireframe mockups for the web admin.
- Provided input to the continual development of tooling and reporting with a view to providing tangible business benefit
- Created and executed unit tests and perform basic application testing. Developed Web UI using Angular 9, Laravel, JavaScript/jQuery, CSS, front-end JS Frameworks and HTML
- Developed the next generation onboarding, contracting, and data management web applications and workflows
- Worked with technical product managers contributing to blueprints and assisting with annual planning of feature sets

- Execute software development for outlined work; support, maintain and document software functionality, design, and architecture
- Created mysql databases and relationships. Developed endpoints that can be utilized by both Android App and Web Admin panel.
- Implemented curl requests and webhooks to third party APIs to transfer data in json format.

ZipCaars Full Stack Developer (Consultant)

Dec 2019 / May 2020

ZipCaars is a fast-growing company in the self-drive car rental space. Own/Manage a large fleet of cars maintained with high standards of quality. Objective is to provide transportation solutions to suite all needs and help customers be mobile without owning a vehicle. ZipCaars is managed by a team of experienced professionals and is a unit of Zip Cab Service.

- Car rental business is fairly a complex business with pricing algorithm which works on many parameters. Designed and developed admin panel to incorporate the complex pricing model and other accounting activities along with dynamic scheduling and logistics of the fleet
- Delivered functional design and improved effectiveness of admin panel for car rental business development with unique and innovative design, coding resulting in employee find the admin panel very user friendly and efficient. Developed API endpoints for Android application "zipcaars"
- Developed and implemented overall web strategies and dealt with the details along with the bigger picture
- Coordinated interdepartmentally to facilitate the completion of company-wide goals through web application development.
- Played individual contributions as well as contributed as a team. Partnered with peer technologists to share learnings and provide hands-on assistance
- Shared knowledge of tools and techniques with the wider team, both developers and non-developers. Provided progress reports to management and other affected stakeholders
- Covered Coding, Compiling, Unit testing, integration, packaging, and deployment of developed software. Worked on POCs and cutting-edge features before they're integrated into the product
- Collaborated to form firm view of quality metrics and expectations for the delivery, and work with these throughout the sprint
- Implemented web UI (Angular 9, Slim Framework) as per standards in compliance for the web admin with PostgreSQL database
- Created endpoints that can be utilized by both Android App and Web Admin panel with curl requests and webhooks to third party APIs to transfer data in json format.

Pondicherry Engineering College Full Stack Developer (Consultant)

Oct 2018 / May 2019

Pondicherry Engineering College is sponsored by the Union Territory of Puducherry and fully funded by the **Government of Puducherry**. It is an autonomous Institution for the purposes of administration, staff recruitment and College development and is managed by a **Board of Governors**.

- Worked as part of Engagement of Guest Teacher project. Responsible for html design as per standards in compliance for the user screens/web admin, creating/altering MySQL database, and relationship.
- Responsible for creating summary reports, endpoints that can be utilized by user screens and Web Admin panel and creating curl requests and webhooks to third party APIs to transfer data in json format.
- Worked with an established team of developers and interact with product managers, marketing teams and designers
- Provided technical advice and assists in solving programming problems. Made recommendations towards the development of new code or to reuse of existing code
- Assisted in preparing project plans using project management tools

Nectra Diary Full Stack Developer (Consultant)

July 2018 / Oct 2018

Nectra Diary was a contract based project from DigiTran Technology Solution from Coimbatore, provides a wide range of innovative and custom made systems that are highly innovative.

- Responsible for creating android application and web admin application using React Native to measure and record the lactation by an animal.
- Responsible for creating API endpoints, using Express JS, and Mongo DB.

- Established a team of developers to interact with product managers, marketing teams and designers
- Provided technical advice and assists in solving programming problems. Made recommendations towards the development of new code or to reuse of existing code
- Assisted in preparing project plans using project management tools

Multiple Projects/Organizations

Full Stack Developer

Nov 2008 / July 2018

- Worked as Team Leader at Trident TechnoMinds (Dec 2017 to July 2018)
- Worked as Senior Web developer at WeHire (Dec 2011 to Dec 2016)
- Worked as Web developer at Silicic Innova Technologies (Nov 2008 – Dec 2011)
- Clients includes MalleBox, JananiPan, and Candidate TV
- Responsible for WordPress theme and required plugin installation, Creating/altering mysql database and relationship, endpoints that can be utilized by user screens and Web Admin panel, curl requests and webhooks to third party APIs to transfer data in json format.
- Designed the web pages by using HTML, XHTML, CSS and deploy the script using with JavaScript. Developed secured web applications by using client scripting such as JavaScript and JQuery.
- Responsible for creating summary reports, delivery reports, notifications and to integrate add pipe API to store the video recording of candidate introduction
- Wrote external CSS file, which linked to the HTML file to increase the traffic of the web site. Involved in software coding, testing, and debugging for web presentation layer using HTML and CSS.
- Developed E-commerce enterprise applications using web technologies like HTML, DHTML, XHTML, DOM, PHP Script, JSP Script and CSS based on the W3C standards
- Coded end to end (i.e. from GUI on Client side to Middleware to database and Connecting the back-end Systems) on a subset of sub modules belonging to the above modules.
- Communicate with the client to understand the requirement of the website, gained experience in project planning, involved in writing the Project Design Document and Project Plan Document.
- Implemented user interface guidelines and standards throughout the development and maintenance of the website using JavaScript, JQuery, CSS and HTML.
- Developed customer facing software for managing advertisements to grow the business using Backbone.js, JavaScript/jQuery, HTML, CSS.
- Maintained 24/7 high volume availability using open source tools such as Linux, PHP, and MySQL.

Work Reference Websites

- medicalwizardry.com (Techstack: Wordpress)
- myfreematrimony.com (Techstack: Laravel)
- <https://passkeygenerator.web.app> (Tech Stack: Material Design)
- <https://otherwords.web.app> (Tech Stack: React)
- <https://myfictionaltwin.web.app> (Tech Stack: Vue Js + Tailwind CSS)
- <https://yesornogenie.web.app> (Tech Stack: Vanilla JS + Pico CSS)



Date: 17th August 2020

Letter of Recommendation for Alaksandar Jesus Gene

I am writing this letter to vouch for and recommend the skills of Mr. Alaksandar Jesus Gene as a web developer and a software solution architect. Alaksandar has been working with my team at Jiva Sciences since May 2020, as a full stack web developer. Helping us build a comprehensive dairy farming management software platform; providing para veterinary services enhanced by Jiva devices.

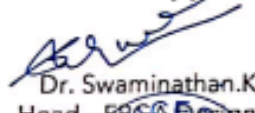
It was vital that our software be stable, and scalable – able to work in remote parts of India that do not always have stable internet connection. Alaksandar created data models and controllers, that were responsible for integrating data from various back-end services and databases in a way which allowed data to be synced seamlessly between the server and client devices.

Another key requirement was for us to be able to deliver the software as a service – either as a whole or in parts. Alaksandar's skill, and experience were vital in setting up our modular data models. To do this successfully being able to gather and refine specifications and requirements based on technical needs was crucial. In working with him, I was impressed by his ability to write well designed, testable, efficient code by using best software development practices.

Alaksandar closely collaborated with the UI/UX team, matching visual design intent to create adaptive website layout and user interface by using standard HTML/CSS practices. He worked with the mobile team to provide efficient REST API interfaces.

The entire work was accompanied by a thorough and well written software documentation. We continue to work together - maintaining, expanding, and scaling the platform. Alaksandar stays plugged into emerging technologies and industry trends and applying them into operations and activities. It is very useful to have someone like this on the team; whom you can get some well-informed inputs while making key decisions. Any web development related project will benefit from having Alaksandar as a part of the dev team. And I wish him all the best on his future endeavors.

Sincerely yours,


Dr. Swaminathan.K
Head - Product Design
Jiva Sciences Private Limited



Reg Office : NO 34, E BLOCK EXT, SAHAKARANAGARA,
BYATARAYANAPURA, BANGALORE-560 092,

Email : info@jivasci.com, Phone : 080 – 23629922 ,

Website : www.jivasci.com, CIN : U73200KA2015PTC081318, GSTIN : 29AADCJ5419J1ZA

Date: 17/08/2020

Dear Hiring Manager,

I am writing this letter to recommend Alaksandar Jesus Gene for the position of full stack web developer at your company.

He worked for our car rental company for nearly 6 months as a consultant and was very good in functional design and effectiveness of the admin panel which he developed for our business. The car rental business is a fairly complex business with a pricing algorithm which works on many parameters. The admin panel Alaks designed and executed incorporated this complex pricing model and other accounting activities along with dynamic scheduling and logistics of the fleet.

His coding was excellent and his designs were unique and innovative, so our employees find the admin panel user friendly and efficient.

Alaks also developed API endpoints for our Android application "zipcaars".

He played a significant role, often, in developing and implementing overall web strategies, and dealt with the details along with the bigger picture.

A huge part of his job with us was coordinating interdepartmentally to facilitate the completion of company-wide goals through web development. He was always thoughtful and considerate, an excellent team player who can also work independently and do a great job.

Sincerely,


(Deepak Misra)
Director



A Unit of: ZIP CAB SERVICE PRIVATE LIMITED
Regd Office: 60/1, CNR Rao Circle, Amruthahalli Main Road, Amruthahalli
Bangalore - 560 092
Tel: +91 78999 20225 email: contact@zipcaars.com
CIN: U63000KA2015PTC079676