



Sandesh Kumar Singh

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Objective

My goal is to become associated with a company where i can utilise my skills and gain further experience while enhancing the company's productivity and reputation.

Education

IIT Mandi – 7.96 CGPA - B.Tech, Major in Computer Science And Engineering - 2016

IIT Mandi – 7.00 CGPA - B.Tech, Minor in Applied Physics - 2016

Sunbeam School Lahartara, Varanasi, UP – 93.1 % - XII - 2012

Kendriya Vidyalaya, Varanasi, UP – 93.8 % - X - 2010

Experience

LEAD PRODUCT ENGINEER, NUCLEUS SOFTWARE EXPORTS LTD.; NOIDA, UP – JUNE '20 -PRESENT

Role: Development on both server side and client side using technologies like Java, Spring MVC, Spring Boot, Hibernate, HTML, CSS, JavaScript, jQuery, VueJS, Maven. Responsible for writing well designed, testable and efficient codes using MVC architecture and for creating website layout/user interface. Responsible for creating framework from scratch that is being used in 6 modules. Responsible for team of 5, apart from responsible for project.

SENIOR SOFTWARE ENGINEER, NUCLEUS SOFTWARE EXPORTS LTD.; NOIDA, UP – OCTOBER '17 -JUNE'20

Role: Development on both server side and client side using technologies like Java, Spring MVC, Spring Boot, Hibernate, HTML, CSS, JavaScript, jQuery, VueJS, Maven. Responsible for writing well designed, testable and efficient codes using MVC architecture and for creating website layout/user interface. Multi project responsibility.

SOFTWARE ENGINEER, NUCLEUS SOFTWARE EXPORTS LTD.; NOIDA, UP – JULY '16 - OCTOBER '17

Role: Development on both server side and client side using technologies like Java, Spring MVC, Spring Boot, Hibernate, HTML, CSS, JavaScript, jQuery, VueJS, Maven. Debugged software issues and coordinated with multiple teams on issue resolution and documentation. Responsible for troubleshooting issues in backend and frontend systems for internal and external software offerings as well as assisting in resolving the performance issues.

Projects

NEUTRON FRAMEWORK; DECEMBER '19 - PRESENT

Framework that is being used in 6 different modules. This supports dynamic addition of fields on UI, triggering validations on various levels. Support Parent master syncing. Dynamic form support from parent product CAS.

SALES ASSIST; DECEMBER '19 - PRESENT

A system which minimises data entry to push loans in CAS. The system is to be used by showrooms and/or agents of banks in shopping malls. More dynamic UI created using modern technologies.

CODE SYNTHESIS ; SIDE PROJECT ; STATUS : IN PROGRESS

A side project in which we aim at the goal where there is no need of developers for mundane tasks. First level has been achieved by using templization. We are currently working on generalised synthesisers.

LOG ANALYSIS ; SIDE PROJECT ; STATUS : IN PROGRESS

A side project in which we aim at the goal to minimise time taken by developers to analyse a bug. This reduces the time by 15 minutes per bug to find the perpetrator. And this number will keep getting bigger if taken more things into account. There is a long term goal for this project which refers to "Code Weaving".

ENTERPRISE CONTENT MANAGEMENT ; SEPTEMBER '16 - MARCH '17 & NOVEMBER '17 - PRESENT

A document collection and storage system for banks. Also works as a module which can be integrated from external system. Also does OCR on documents uploaded in the system and collects data from the metadata of the document, increasing speed of document processing and thereby decreasing man power.

E-APPLY AND E-SERVE ; APRIL '17 - OCTOBER '17

A customer on-boarding system which serves a lead generation system for banks. Also works as a dashboard for already on-boarded customers, where they can manage their existing loans. Similar as previous one, this also can be integrated from external system. Creating new loan application on just a click of a button, it's just that easy. Customer has to review his/her info.

SOCIAL NETWORK INTEGRATION WIDGET FOR NEUTRINO FRAMEWORK; SIDE PROJECT ; STATUS : COMPLETE

A plug and play widget that is used for authorisation of users in the system via social networking sites. Other than authorisation, we created a basic system to calculate how eligible a person is for receiving a loan. The social networking sites were Facebook, LinkedIn.

OCR: USING TESSERACT FOR DATA EXTRACTION ; SIDE PROJECT ; STATUS : COMPLETE

A side project in which tesseract engine is to be perfected in order to perform OCR on given images with minimum time and maximum accuracy. This project is to be integrated with ECM in order to enhance its features.

Skills And Technologies

Java, Spring MVC, Spring Boot, Hibernate, MySQL, XML, HTML 5, CSS, jQuery, JavaScript, VueJS, Maven, Windows, Linux, Mac OS X, C, C++, Android App Development.

Achievements And Recognitions

- Speaker on the topic "Image Processing And Its Applications" in NucTech Club August 2019.
- Speaker on the topic "Program Synthesis" in Annual NucTech January 2020.
- Speaker on the topic "Responsible AI" in Annual NucTech January 2021. f
- Recognition for Collaboration (once) , Innovation (once) and Result Orientation (twice) while working on two different projects in Nucleus Software.
- Qualified GATE 2016.

References

On request.