Basant Ruhela

Member of Technical Staff

Seeking to work in challenging environment that will enable me to optimally use my skills and knowledge for delivering the best and thereby contributing to the success of the organization.

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WORK EXPERIENCE

Member of Technical Staff
NEC Corporation India Private Limited

07/2019 - Present   *Noida*

Achievements/Tasks

- End to End backend development for **PathologyAI**, a Distributed System based software for analysis of large medical tissue slides for Cancer Detection using **Spring Boot, Spring Security, RabbitMQ, RESTful Services, PostgreSQL, Hibernate**.
- Backend development for **Pathological Slide Viewer** for displaying and editing large medical images on browser using **Spring Boot, Python, JavaScript, HTML/CSS OpenSlide, Openseadragon and Phillips SDK**.
- Development for a Reusable Chat Module using **Spring Boot, RabbitMQ, PostgreSQL, JPA and STOMPJS.**
- Backend development for **ETDSS**, a software which provide support to pathologist for manually examining tumor and non tumor cells in large scale pathological slides using **Spring Boot, Python, JavaScript, HTML/CSS, OpenSlide, Openseadragon**.
- Developed common components to be used by multiple applications in development phase for fast paced development such as Authentication Module and Notification Module**.**
- Well versed with continuous development using SVN and Agile Tools like **JIRA and Confluence**.

Trainee
NEC Corporation India Private Limited

01/2019 - 07/2019   *Noida*

Achievements/Tasks

- Development of Authentication/Authorization module for PathologyAI RESTful APIs using **Spring Boot, Spring Security, RabbitMQ, RESTful Services, PostgreSQL, Hibernate**.
- Development of Automated System for scheduling and execution of Pathological Slides using AI based Analysis Engine using **Spring Boot, Spring Batch and RabbitMQ.**

EDUCATION

B. Tech
ABES Engineering College (AKTU)

07/2015 - 07/2019   *Ghaziabad*

Computer Science and Engineering

- Aggregate - 79.7% (Hons.)

Secondary Schooling
Wilsonia College, Moradabad

04/2013 - 03/2015   *Moradabad*

Courses

- 12th ISC - 90%
- 10th ICSE - 88.4%

SKILLS

Java 8 | Spring Boot Framework | RabbitMQ | RESTful Web APIs | Hibernate | JPA | Sprint Security | HTML | CSS | JUnit | PostgreSQL | MySQL | JavaScript | Openseadragon | OpenSlide | MongoDB | Data Structures | Problem Solving | Project Coordination

PERSONAL PROJECTS

Essence - Online Book Store and Book Recommendation System (07/2018 - 09/2019)

- A Software which provides a market place for selling and buying old and new books.
- Rich user interface for the users to interact with each other.
- A recommendation system which uses Collaborative Filtering for recommending books to the user by finding the other users who in past have liked the same books and what other books they have liked.
- Technology Used : **Spring Boot, RESTful APIs, PHP, HTML/CSS, MySQL, R**.

Displaying of ISyntax Digital Pathological Slides on Browser (07/2020 - 10/2020)

- Opening of ISyntax Digital Pathology Slides on Browser which are usually above 1GB in size and do not have any software readily available for opening them on browser.

ACHIEVEMENTS

Customer Delight (10/2020)
For providing exceptional service and on time delivery of a critical project to client

SPOT(Special Performance on Time) Award (04/2020)
For creation of reusable Pathological Slides Viewer for displaying and editing of Large scale Medical Images.

Customer Delight (04/2020)
For additional support to client to create a setup environment at client location and for providing exceptional service and on time delivery.

SPOT Award(Special Performance on Time) (03/2019)
For showing resolute, commitment and focus toward work as a Trainee.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Movies | Chess | TV Series | Reading | Gaming