## Sanjay Kumar Hansdak

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| **Summary** |

* 11 years of software engineering experience in Web technologies, involving analysis, design, development and execution of business applications.
* Experience in designing and developing web based applications in **ColdFusion, Java.**
* Experience in developing User Interfaces using **HTML5, CSS3, JavaScript, JQuery, and React JS.**
* Experience in **database design**, writing SQL queries, Triggers and Stored Procedures in Oracle PL/SQL.
* Experience in creating Rest API services in **NodeJS**.
* Experience in using **Tortoise SVN** and **GitHub** Repository for version controlling.
* Ability to delve into unexplored areas and learn upcoming technologies.
* Experience in managing team and client communication
* Knowledge of software development methodologies and design patterns
* Experience in direct communication with the client for requirement gathering, application development, maintenance, testing and delivery.
* Experience working in team as well as individual contributor.
* Experience working in Agile Software Development.

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| **Skill set** | | |
| **Front-end Technologies** | **:** | HTML5, CSS3, JavaScript, ES6 | | |
| **Server-side Technologies** | **:** | **ColdFusion, Java, NodeJS** | |
| **Framework/Libraries** | **:** | ReactJS, JQuery, Bootstrap | |
| **Build Tools & Utilities** | **:** | NPM, Webpack | |
| **Databases** | **:** | Oracle PL/SQL, MySQL | |
| **Agile Methodologies** | **:** | SCRUM | |

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| **Academic qualification** |

* B.Tech in Computer Science and Engineering, National Institute Of Technology (N.I.T), Jamshedpur, Jharkhand, in 2008, with 76% score.
* Higher Secondary, St. Xavier’s School, Sahibganj, Jharkhand, in 2003 with 73% score.
* Matriculation, St. Xavier’s School, Sahibganj, Jharkhand, in 2001 with 74% score.

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| **Work experience** |

* Working as Technical Lead and Developer in Tech Mahindra. I have total of 11 years of experience.

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| **Tech Mahindra Pvt Ltd.** | **7th July 2008 - Till Date** |

Tech Mahindra is a leading service based company in IT. I joined the company as junior developer and have progressed as Senior Software Developer to Technical Lead. I have worked in various technologies like Java, Cold Fusion, HTML, CSS, JavaScript, J Query, React etc. over this course of time. I have gained experience as a team member, team leader and Technical Lead. I have gained experience in agile software development environment and deal with customers directly for end to end business solutions.

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| * **Production Reporting** |  |

Production Reporting is a web application which deals with recording and managing time reporting against various tasks assigned to gang members. Users can add, edit and delete time against their tasks. This application is used to generate the total productive hours and non-productive hours

**Contribution –**

* Requirement gathering and analysis
* Designing and Developing the front end
* Developed the back-end
* Testing and Deployment to the production server

**Technologies:** HTML 5, CSS3, JavaScript, ColdFusion, Oracle PL/SQL

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| * **Aurora Tie XRAY Rating Application** |  |

Aurora Tie XRAY Rating Application is a java back-end application. It is used to process tie ratings. Ties are structures which are placed between rails to give them support. Tie degrade over time and get damaged. Tie rating is a process of marking the ties as either good, fair or bad. This process was earlier done manually by field worker who use to inspect the tie and rate them. Aurora is a third party company which provides machines on track which can rate ties automatically with the help of XRAY like tools. This tool produces data in CSV format. Tie XRAY Rating application is developed to process these files in CSV format, by reading the file and applying business logic and persist them in the database.

**Contribution -**

* Requirement gathering and analysis
* Designed and Developed the architecture of the application
* Implementation of the business logic
* Coding, Code review, Unit testing, integration testing
* Deployment on Test server/ production server
* Handled production issues over the period of time

**Technologies:** Core Java, Oracle PL/SQL

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| * **Bridge Maintenance Planner** |  |

Bridge Maintenance Planner (BMP) is a web application developed in ColdFusion. This system deals with managing different projects related to bridges. This application is used by Bridge Managers, Directors and Gang Members to create projects for managing bridges. Users can complete any projects or edit them based on the progress of the task. This is a role based system, which means every user sees a different version of the application based on their assigned role.

**Contribution -**

* Requirement gathering and analysis of enhancement changes
* Implementation of the changes in business logic
* Coding, Code review, Unit testing, integration testing
* Deployment on Test server/ production server
* Handled production issues over the period of time

**Technologies:** HTML, CSS, JavaScript, ColdFusion, Oracle PL/SQL

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| * **Crew Management and Time Keeping System** |  |

Project dealt with application called “Crew Management and Timekeeping System”. This is one of the main applications used by the Rail road systems to manage crews and their work time. Crew which generally consists of Engineer and Conductor primarily use this system to log their time when on work. It is used by their managers to assign different crews their tasks and manage their timings.

**Contribution -**

* Worked on various enhancement changes
* Coding, Code review, Unit testing, integration testing
* Deployment on Test server/ production server

**Technologies:** HTML, CSS, React JS, Node JS, Oracle PL/SQL