

BISWA RANJAN NANDA

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PROFESSIONAL EXPERIENCE: Certified Scrum Product Owner (CSPO) and Software Development Team Lead with 11+ years driving scalable cloud, API, and HCM products, optimizing Agile delivery, and enabling multimillion-dollar growth through innovation.

TECHNICAL SKILLS:

Programming/Scripting Languages : Python, PHP, HTML5, CSS3, JavaScript, Unix Shell Scripting, OOPs

Tools : SAP Cloud Platform, SAP Build Tools, SAP UI5, SAP WEB IDE, IBM Rational ClearQuest & ClearCase, TOAD, SSMS, BMC Remedy, SSH Tectia, HP Quality Center, CI/CD, Git, Jenkins, Selenium IDE, Selenium Web driver, XAMP, LAMP, FindBug, Eclipse, JetBrains PHP storm, PyCharm

Frameworks : React, Redux, NodeJS, Flask, CodeIgniter, JUnit, JACOCO, PIT Mutation, JMeter, JEST

Cloud Services : Microsoft Azure, Amazon Web Services (AWS), Google Cloud

Networking : DHCP, DNS, TCP/IP, Wireshark, HTTP

Databases : Oracle 9i, MySQL, MongoDB

Team Leader of Software Development, *Paycom Payroll LLC, Irving, TX*

Nov 2024 to Present

- **Software Architecture and Development:** Actively advancing and optimizing Paycom's software architecture and frameworks by designing scalable, enterprise-grade solutions, authoring advanced business module components, and delivering innovative, customer-centric features that boosted product adoption by 30% and drove \$2.5M+ ARR growth.
- **System Integration and Collaboration:** Leading complex integrations across Human Capital Management (HCM) modules using APIs, EDIs, and ETL processes, while collaborating closely with Product Management, Quality Assurance, Application Support, and third-party vendors to ensure seamless end-to-end functionality and exceptional user experience.
- **Team Leadership and Mentorship:** Guiding and mentoring developers and QA team, conducting code reviews, and fostering collaboration to drive innovation and product enhancement, improving sprint velocity by 25%, and ensuring high-quality, on-time product delivery.
- **Project Coordination and Communication:** Streamlined client and vendor communication, clarified requirements, and accelerated release cycles by 20% using Agile tools like Jira
- **Process Adherence and Continuous Improvement:** Championed Agile best practices, reduced post-release issues by 35%, and improved overall delivery efficiency and customer satisfaction.

Senior Software Developer, *Paycom Payroll LLC, Oklahoma City, OK*

Oct 2019 to Nov 2024

- As a software developer currently working on frontend and backend of a cloud-based application based on Payroll systems. In the expense management team, working on development of features for automated parsing of receipts being uploaded by clients/users for reimbursement purposes.
- Technologies used as part of development are PHP, HTML5, CSS3, JavaScript, React, Typescript, ES6, Node JS etc.

Fiori/UI5 Developer (Full Stack Developer), *Mobolutions LLC, Plano, Texas*

June 2019 to Sep 2019

- As an SAP Fiori/UI5 developer, Developed Customized Fiori Apps using SAP cloud platform and deployed on Android and iPhone platforms to run perfectly on all screen sizes
- Expertise in developing SAPUI5/Fiori applications using Web IDE, Build.me toolkit, **JavaScript, XML, OOP, HTML5 & CSS3 and consuming the OData (RESTful Services)** by using NetWeaver gateway services (SEGW)
- Configured standard Fiori applications for SD, MM, PM modules, Customized Fiori Launchpad logon page as per the requirement.
- Analysis of Functional design Specification and Design of Technical Specification Document
- Developed OData using RFC function modules in SAP, **also implemented CRUD operations with filters as per the customer requirements.**
- Worked on various SAP modules like SCM (MM, SD), **HCM, PLM, PM, etc.** and developed Fiori/UI5 applications like PR/PO approval, PR/PO creation, Sales Order Application, **Leave Request, Leave Approvals, My Paystub application (Payroll)** etc.
- Implemented corporate branding that includes Fiori Launchpad setup along with customize themes using the UI Theme Designer, Theme Manager, SAP Portal also worked on the role's management as per the requirement.
- Application deployment in both cloud and On-premise
- **Worked on building OData for UI5 apps, implementing CRUD operations with filters**
- Custom Fiori application created, title, catalog & group creation, OData service maintenance, role-based app, semantic object creation, Launchpad role (LPD_CUST), OData binding, Split app development

Graduate Research Assistant, The University of Texas at Arlington, Arlington, TX

Sep 2018 to May 2019

- As a full stack developer, currently developing a customized content management system for an existing music repository website i.e. Music Detour using the technologies like **HTML5, MVC, CSS3, PHP, JavaScript, MySQL**

Senior System Engineer, Cognizant Technology Solutions, India & United Kingdom

July 2014 to June 2017

Completed on-job training for Windows/Unix/Linux Administration

- Was **Team Lead for team size of 10, leading across 3 locations in India and UK**
- Automated parameter file and dump files tasks generation using shell scripting for Oracle DB backup and Restoration
- Was involved in the Data Migration testing performed as per ETL process, while moving Data from Unix and Oracle DB based systems to Microsoft windows and My SQL Server based system
- Performed activities like Adhoc batch runs, manual and automated code deployments into test environments, Database backup and Restore activities, Database upgrade activities, Incident/Ticket management as per the SLA etc.
- Maintained the test environment servers all set for full time availability for all testing phases like System Testing, UAT, and NFT in Lloyds Data Center, Halifax, United Kingdom and in offshore development center, Pune, India
- Have gained knowledge on **complete SDLC based on Agile/DevOps methodology**
- Streamlined project onboarding, Request for quotation (RFQ), Change Request (CR) management that helped for better organizational revenue generation

TECHNICAL PROJECTS:

- **SAP Fiori Applications** June 2019 to Sep 2019
 - Activated standard applications in **HCM module** with the help of BASIS Team support
 - Implemented **customized Fiori applications** with extension from the standard applications for **Leave request application, Leave Approval and Team calendar**
 - **Implemented HCM functions** with centralization of all approval
 - Basic training to their in-house resources as well as the support activities are in progress
- **Purchase Requisition Approval Transactional Application – SAP OData, SAP UI5, SAP Web IDE** June 2018 to Aug 2018
Designed custom application for the end users for the process of the PO/PR approvals. Coded the client-side components using JavaScript, jQuery, HTML5, and CSS3 using SAP Web IDE. Designed the application using FIORI Guild lines. Worked on building OData for UI5 apps, **implementing CRUD operations with filters and handling media**
- **Online Payment System – Python 3.7, Flask framework, HTML5, CSS3** Aug 2018 to Dec 2018
Designed web application to perform online payments to any friend or colleague considering all security aspects
- **Automation Testing on Car Rental System - Selenium Web driver** Aug 2018 to Dec 2018
Car rental application is being developed to perform automation testing using Selenium web driver
- **Cloud Applications – Python 3.7, Flask Framework** June 2018 to July 2018
 - **Earthquake Data Visualization: A web application** deployed on Amazon AWS EC2 to assess 1 GB of tremor earthquake data using K-means clustering, visualize based on latitude, longitude and magnitude
 - Developed application to **test load balancing using** AWS Elastic Load balancers on nodes using Apache J-Meter
- **USA Travelers (Who is coming to USA?) - HTML, CSS3, JavaScript, PHP** Jan 2018 to May 2018
Developed a web application that will benefit US Custom officials to verify & perform BGC on the USA visitors who will update their travel itinerary 7 days prior arrival for successful BGC and approval to entire USA
- **Asset Management System** Jan 2018 to May 2018
Developed an enterprise web application using C# & MS SQL Server. Role based system implemented using .NET Identity. Deployed the app to AWS. Built an Android & iOS mobile application for the system using React Native and AWS Lambda for server less implementation of gateway API to interact with MS SQL Server.
- **Manual Testing/Boundary Value Analysis** Aug 2017 to Dec 2017
Created several test cases for unit testing and get the full coverage using equivalence partitioning, MC/DC, cyclomatic complexity techniques and used JUnit, JACOPO, Pit mutation Testing tool

EDUCATION:

Master of Science in Computer Science, GPA – 3.6/4

Aug 2017 to May 2019

The University of Texas at Arlington, Arlington, TX

Bachelor of Technology in Computer Science & Engineering, GPA – 3.4/4

Aug 2009 to July 2013

Biju Patnaik University of Technology, Odisha, India