

SANJAY KUMAR PANDA

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contact@sanjaypanda.com | <https://sanjaypanda.com> |

CAREER SUMMARY

Senior Software Engineer • Senior Full Stack Developer

- *A skilled software developer*, 6 plus years of experience in software design, development and integration. Advanced knowledge and experience in Web Application Development.
- *An energizing, culture-focused and skilled team player*. Committed to guide the team in right direction and establish the right culture.
- **Unflappable problem solver** who handles many assignments and works with confidence. Always ease in even the most challenging, fast-paced environments.

"Sanjay is a reliable engineer that always pushes for excellence and best practices, yet mindful of the delivery deadlines, inspiring his colleagues to do the same. Well done, Sanjay!" – Paul Dan Pruteanu,

Engineering lead, Lloyds banking group.

AREAS OF EXPERTISE

- Frontend/ Web Application Development (HTML, CSS)
- Single page application (SPA) - React Js, Redux js
- Unit Test (Jest, React Testing tool, Enzyme)
- Node js (expert), Go, C++ (basic)
- Docker, Docker compose, Kubernetes, Ansible, CI/CD, Jenkins
- Git Flow/ Trunk based development
- Test Automation (Cypress.io/ Webdriverio)
- Database (MySQL, Postgress, MongoDB)
- Teamwork, Prioritization, Agile, RTL process optimization, Problem solving skill
- Micro service Architecture
- API Gateway
- Cloud Native application
- Azure, AWS (Basic)

OPEN SOURCE CONTRIBUTIONS

- *babel-plugin-feature-toggles*: A Babel plugin that helps in removing *unfinished code* from your JavaScript and Node Js application on *build time*. This is a configuration based feature toggling.
<https://www.npmjs.com/package/babel-plugin-feature-toggles>

PROFESSIONAL EXPERIENCE

Wipro Digital, Bangalore, India

Oct 2015 – Present

Service provider for IT, Innovation-led, enterprise transformation partner built for today's digital challenges

Senior Full Stack Developer (JavaScript)

- **Component-Based Design and state management**: Collaborates with the UX team to identify reusable components, distinguish between stateful components and pure components. Using React JS component and Redux JS store management technique to builds a maintainable Single page web application.

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- **Maintain and manage high traffic application:** Lead on building a customer journey application, which migrates from a legacy monolithic application to a responsive Single Page Application (SPA) from scratch. Millions of customers use this in Desktop, Mobile, Tablet Browsers, and Mobile app as a web-view. Improved and simplified journey increase business by 33%.
 - **Customer journey transformation:** Lead a team on customer journey transformation, working closely with business and UX team to improve user experience and customer satisfaction. Analyze existing application shortcomings and competitor joinery good part to identify the best solution by keeping internal dependencies in mind the.
 - **Engineering Transformation:** Lead the transformation on an organizational level:
 - Cypress.IO as the primary automation framework, which helps developer productivity, peace of mind, and reduces bugs.
 - Build a test code compression algorithm to reduces automation testing execution time and give first feedback without losing quality.
 - Worked on a portable custom solution to help run cypress in multiple browsers using WebDriver.io.
 - Optimized the application build process, which reduces application build time to 5min from 15min.
 - **Trunk-based development:** Works with teams to migrate Git-flow or any multi-branching model to one production-ready master branch model. Help the team understand the concept and build the right tools around to increase productivity, reduces merge hell, and hence increase developer satisfaction.
 - **Learning from problems and solve them:**
 - Handling unfinished feature code in trunk-based development is tricky. Single-handedly implemented a babel plugin-based feature toggles solution that works with a trunk-based approach for continuous deployment on a large scale organization without affecting the ongoing feature development activities. It includes a feature of automated cleanup of feature toggles to reduce tech-dept. **Read more about** <https://sanjaypanda.com/blogs/feature-toggles-ideas-and-uses/>
 - Builds a web-socket based dashboard solution that helps manage feature toggle, which help developers easily maintain feature toggles without hating it.
 - **Agile mindset and team player:** A right Requirement and having the right experiences in the team, a healthy born down chart is not difficult. My focus always on finding the gap in requirement scope and skill.
 - Asking the right questions with different scenarios helps the team to find the scope of the requirements.
 - Provide training engineers to upskill and keep the learning mind-set.
- *“The innovator” award from a client, by providing the best quality solution for the problems.*
 - *Upgrade React Js in a large application, without affecting the delivery timeline.*
 - *Cypress Io transformation activity, release with Zero front-end production issue.*
 - *Improved release process to 1 day, by applying the right tool. Applying trunk-based development and Continuous Delivery process to make the release 4 weeks to 1 day. Increased productivity by 25 %.*
 - *My colleagues appreciate my effort to help them understand the problem and guide them in the right direction for solutions.*

“Sanjay is a very passionate developer and technically sound. He is a team player and great to work with.” – Jeevika Perumal, Technical manager, NSEIT LIMITED

Navigators Software Pvt. Ltd., Kolkata, India
Information Technology and Services

Oct 2014 – Sep 2015

Web Application Developer

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I worked on an E-Commerce and Inventory management application using Monolith MVC architecture. I used CakePHP (MVC framework), JavaScript, HTML, CSS, and JQuery to build it.

Maastrix solutions pvt. ltd., Bhubaneswar, India

Apr 2014 – Sep 2014

Information technology and services

Web Application Developer

Design and develop a price comparison application. Also, build the database schema and end to test. MVC Monolith application built on price comparison algorithms. I also worked on API integration and public-site product crawling features.

I4infotech pvt. Ltd., Bhubaneswar, India

Jul 2013 – Mar 2014

Information technology and services

Web Application Developer

Coordinated with USA clients, gather requirements, and developing deferent applications. e.g. E-commerce and Blogging websites and Branding website. Good exposor to different types of applications and got introduced to different frameworks.

EDUCATION

Bachelor of Technology (B.Tech.), Modern Engineering and Management Studies (MEMS),

Biju Patnaik University of Technology, Rourkela, India

Electronics and Instrumentation Engineer

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