

Jyoti Prakash Nayak

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Profile

Possessing around 6 years of extensive experience in Software Development, specializing in UI activities involving React.js, Next.js, Angular, Unit Testing, Accessibility, HTML, CSS, SCSS, JavaScript, TypeScript, and Bootstrap. Currently serving as a Software Engineer at IMPELSYS.

Professional Skills:

- Demonstrated ability to adapt to diverse situations, coupled with a proven potential for personal and team growth.
- Proficient in design and development, with hands-on experience managing multiple applications.
- Holds valuable domain knowledge in Technology and the Health Care industry.
- quick learner with the capability to grasp new concepts and methods, characterized by energy and effective communication and interpersonal skills.
- A versatile team player, excelling under pressure.
- Extensive experience in Accessibility, contributing to social inclusion for individuals with disabilities.
- Expertise in Angular Unit Testing.
- Knowledgeable in Code Deployment in Kubernetes.

Agile Methodology

- Actively participates in Sprint Grooming sessions, facilitating the extraction of current sprint user stories from the backlog.
- Takes charge of developing user stories that are ready post UX Design.
- Engages in Scrum meetings and Retrospective meetings, contributing to the analysis of Sprint Health.
- Conducts comprehensive functionality demos for the Product owner before Sprint sign-off.

Education

2012
Odisha, India

77% | Diploma (Computer Science & Engineering)
SCTE&VT

2015
Odisha, India

7.8 CGPA | B.Tech (Computer Science & Engineering)
BPUT

Work Experience

01/07/2019–Present

Software Engineer- | Impelsys

Job Responsibilities:

- Develop and implement UI activities using technologies such as React.js, Next.js, Angular, HTML, CSS, SCSS, JavaScript, TypeScript, and Bootstrap.
- Contribute to the design and development of software applications, ensuring high-quality and efficient solutions.
- Manage multiple applications, demonstrating versatility and adaptability in handling diverse projects.
- Leverage domain knowledge in Technology and the Health Care industry to enhance software development processes.
- Demonstrate a quick learning ability, staying updated with new ideas and methods in the rapidly evolving tech landscape.
- Effectively communicate and collaborate within a team environment, fostering a cooperative and productive atmosphere.
- Specialize in Accessibility, ensuring that software applications support social inclusion for individuals with disabilities.
- Conduct Unit Testing to maintain code quality and reliability.
- Apply knowledge in Code Deployment in Kubernetes for efficient software deployment.
- Participate actively in Agile methodologies, including Sprint Grooming sessions, Scrum meetings, and Retrospective meetings.
- Develop and refine user stories, collaborating with UX Design for optimal functionality.
- Conduct thorough functionality demos for Product owners before Sprint sign-off, ensuring alignment with project objectives.

23/04/2018–26/06/2019

Software Engineer IBM India Pvt. Ltd. (Permanent for DynPro India Pvt. Ltd.)

Job Responsibilities:

- Collaborate with cross-functional teams to analyze software requirements and design solutions.



Work Experience

- Develop, test, and deploy high-quality software applications using a variety of programming languages and technologies.
- Participate in the full software development lifecycle, from conception to deployment and maintenance.
- Debug and troubleshoot software defects, providing efficient and effective resolutions.
- Conduct code reviews and collaborate with team members to ensure code quality and adherence to coding standards.
- Stay updated on emerging technologies and industry best practices to continuously enhance software development processes.
- Work closely with clients and stakeholders to understand project requirements and deliver solutions that meet or exceed expectations.
- Implement and maintain software documentation, including design specifications, user manuals, and technical documentation.
- Contribute to the planning and execution of software projects, ensuring adherence to timelines and quality standards.
- Collaborate with product managers, architects, and other stakeholders to define software specifications and requirements.
- Provide technical support and assistance to end-users, resolving issues and ensuring smooth software operation.
- Adhere to established coding standards, development processes, and security practices.
- Participate in Agile development methodologies, including Sprint planning, daily stand-ups, and sprint reviews.
- Mentor and guide junior members of the development team, fostering a culture of continuous learning and improvement.



Projects

Atlas

URL: <https://atlas.heart.org>

Technology Used: React.js, Next.js, Angular 15, BOOTSTRAP, HTML, SCSS, JavaScript

Testing Tool: Jasmine, Karma

Client: American Heart Association (AHA)

Team Size: 21

Role: UI Developer

Rewritten from Angular to React.js using Next.js

Atlas is a web-based application developed to support the American Heart Association (AHA) training internationally. This application enables training centers and instructors to monitor and track AHA training, including class publishing, student roster management, and various other functions. It also facilitates the management of Training Center alignments and permissions.

Roles and Responsibilities:

- Designed and implemented various modules from scratch using Angular.
- Redesigned and implemented modules using React.js and Next.js, migrating from Angular.
- Worked on Angular Routing for seamless navigation within the application.
- Assessed and understood business requirements for effective application development.
- Created test scripts for unit testing using Karma and Jasmine.
- Ensured accessibility features were integrated into the application.
- Conducted Smoke tests on new development to validate functionality.
- Provided daily and weekly status updates, demonstrating development progress and highlighting open issues for resolution.
- Logged and tracked defects using JIRA for efficient issue management.
- Coordinated and interacted with team members, A team, and clients to ensure project alignment and successful delivery.

Clarify (Renamed as Broad Band Workflow)

• Technology Used: Angular 7, Angular Material, CSS, JavaScript, TypeScript

• Client: AT&T

• Team Size: 17

• Role: UI Developer

Project Overview:

Clarify, now known as Broad Band Workflow, is a middleware application utilized by AT&T Customer Agents in the United States. It facilitates the process of placing customer orders for new internet connections or modifying existing connection plans. The application is instrumental in Order Provisioning, bandwidth adjustments (speed changes), IP modifications, as well as handling Suspend and Disconnect functionalities.

Roles and Responsibilities:

- Developed user interfaces and screens using Angular Material to ensure a cohesive and visually appealing design.
- Implemented various modules using Angular 7, contributing to the overall functionality and performance of the application.
- Played a key role in defect logging and tracking using TDP (Test Data Point), ensuring comprehensive issue documentation and resolution tracking.



Awards

Excellence Award

- Consistently achieved the highest rating, receiving individual awards during tenure with the American Heart Association (AHA) in 2020, 2021, and 2023.



Technical Skills

Languages & Technology:

- React.js, Next.js, Angular (Higher Versions)
- Unit Testing, JavaScript, TypeScript
- Bootstrap, HTML, CSS, SCSS

Operating Systems:

- Windows, UNIX/Linux, macOS

Other Technologies/Tools:

- Bitbucket, Jira, TDP (Test Data Point)
- AXE & NVDA for Accessibility testing



Languages & Computer

- LANGUAGES

English



Hindi



- COMPUTER

HTML, CSS, Javascript



TypeScript, Bootstrap



Strengths

Technical expertise

Problem-solving skills

Collaboration abilities

Analytical thinking

Attention to detail

Adaptability

Responsible

Networking



Hobbies



Exploring distant lands



Every kind of sport



Getting lost in a good book



Internet Surfing



Capturing moments



Feeling the music