



SASWATA ARABINDA

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SKILL SETS

Technologies – **JavaScript, Typescript, ReactJS, Apollo GraphQL, Webpack, Python, HTML, CSS, C, C++**
Testing Libraries – **Jest, Enzyme, React Testing Library, Jasmine**

EDUCATION

Degree and Date	Institute	Major and Specialization
B.Tech, IT (2009 - 2013)	KIIT University, Bhubaneswar.	82.7%
12 th (2009)	Rajdhani Jr. College, Bhubaneswar.	68.0%
10 th (2007)	Saraswati Vidya Mandir, Bhubaneswar.	77.46%

PROFESSIONAL EXPERIENCE

Publicis Sapient, Bengaluru, India

Senior Associate Experience Technology, L2

October 2019 – Present

Working with Goldman Sachs Group as Tech Lead. Work involves developing multiple AYCO Advisor Desktop features which digitized client's financial data points and worksheets workflow to manage financial information efficiently. Responsible for requirement grooming with product team, architecture designs and base setup along with individual contribution.

Roles and Responsibilities:

- o Designed and developed multiple model schemas, typedef, and APIs using **Apollo GraphQL** as Orchestration service to resolve Queries/Mutation for financial data points.
- o Developed and operated a high-performance **micro frontend architecture** using **Single-SPA** framework and web components
- o Application front-end was developed using **REACT** and **Apollo Client framework** and **Apollo GraphQL** as the service orchestration layer. Application build is configured via **Gitlab** pipelines and deployed in **Amazon EC2** instance.

Environment and Tools: ReactJS, Typescript, Single-SPA, Apollo GraphQL, Webpack, GitHub

Pegasystems, Bengaluru, India

Software Engineer

October 2016 – September 2019

Involved in the development and implementation of various UI components like Layout Group, Multiselect, autocomplete features, which are part of the UI Engineering Team for PRPC product (Version 8).

Roles and Responsibilities:

- o Identified and **reduced memory leaks** related to old jQuery version and iframes for dynamic containers
- o Worked on **increasing browser rendering speed** by reducing DOM depth and eliminating native APIs which are non-performant
- o Directly interacted with multiple customers over call and provided resolutions for the escalated issues on time
- o Certified **System Architect** and **System Architect Essentials** (PEGA CSA 7.2)

Environment and Tools: HTML5, Handlebars, CSS 3, JavaScript, jQuery, PRPC 8, Karma

Commonfloor, Bengaluru, India / Quikr, Bengaluru, India

Software Development Engineer 1

March 2015 – September 2016

Was part of the team that owns Quikr Doorstep, the customer-facing transport management system and developed productivity tools such as the Configuration Management System for internal use. Developed responsive web applications as well as mobile apps.

Roles and Responsibilities:

- o Used **ReactJS** and **jQuery** to create a modular and reusable component for the user interface
- o Integrated 3rd party technologies such as **WebEngage**, **CrazyEgg** and **Google Analytics** for enhancing the user experience

Environment and Tools: HTML5, CSS 3, JavaScript, jQuery, ReactJS, PHP, GitHub

MAQ Software, Hyderabad, India

Software Engineer

December 2013 – February 2015

Worked as a software developer on challenging projects which involved using Microsoft SharePoint and other related Microsoft products and working in cross-teams as well. The projects included developing web-based applications as well as mobile apps.

Roles and Responsibilities:

- o Designing and Developing **Responsive user interface** using **Bootstrap** with technologies such as **HTML5**, **CSS3**, and **JavaScript**
- o Implemented server-side security for preventing **cross-site scripting (XSS)**

Environment and Tools: Microsoft Visual Studio 2013, ASP.Net 4.5, HTML5, CSS 3, JavaScript, jQuery, SharePoint 2013, TFS, CodeLook

PUBLICATIONS

Region 10 Conference (TENCON), 2016 IEEE, Singapore

Test Case Generation for a Concurrent System using UML Activity Diagram

22nd - 25th November 2016

This project involved presenting an approach of generating test cases for concurrent systems using the **UML Activity diagram**. In this work, we have presented an approach for generating a minimum test suite with maximum coverage.

Guide – **Prof. Arup Abhinna Acharya**, School of Computer Engineering, KIIT University, Bhubaneswar, India

INTERNSHIP

IIT Kharagpur, India

May 2012 – July 2012

The **vehicle routing problem (VRP)** is a combinatorial optimization and integer programming problem seeking to service a number of customers with a fleet of vehicles, such that it has minimum total travel cost and maximum customer service in.

Guide - **Prof.Mamata Jenamani**, Department of Industrial Engineering & Management, IIT Kharagpur