Trilochana Satapathy

Bhubaneswar, Odisha, India   ✉ satapathytrilochan20@yahoo.com   📱 +918908756505   in/trilochan-satapathy-3eyes   ☁ https://3eyes.online/

SUMMARY

With 6 years of experience as a Full Stack Developer, I specialize in React JS, Next JS, Node JS, JavaScript, and Typescript. My expertise lies in crafting robust web applications and services, emphasizing scalability, reliability, and top-notch performance. Pro cient problem-solving skills combined with an aptitude for thriving in fast-paced environments make me a valuable asset to any team.

EXPERIENCE

Full Stack Developer
Abtris Consulting And Labs
December 2018 - Present,Bhubaneswar, Odisha, India

- **Unstoppable: Mindset Builder** - Developed web components with Next.js, PostgreSQL, and Node.js. Created dynamic category pages showcasing over, 10000 motivational quotes with pagination and an admin dashboard for quote management. Explored SQL basics, BigQuery, PostgreSQL, and Supabase for data management.
- **No Touch Menu** - Leveraged Gatsby and React for a fast-loading QR menu that achieved remarkable Lighthouse scores with an average page load time of less than 1 second.
- **Reading Bharat** - Utilized GatsbyJS, Next.js, and AWS services for web development. Successfully deployed the site on AWS infrastructure, including S3, CloudFront, Lambda, and Route53, resulting in a 50% improvement in website load times. Implemented server-side rendering (SSR) using Next.js, resulting in a 30% boost in SEO ranking and improved search engine visibility. Managed indexing and deindexing using Google Search Console, resulting in a 20% increase in organic search tra c.
- **Experience Edge** - Developed a high-performance GatsbyJS website that achieved a 95/100 Google Page Speed Insights score and utilized GatsbyJS and D3.js for data visualization, showcasing skills in GatsbyJS and responsive UI design.
- **QR Menus For Restaurants** - Contributed to front-end development using Google AMP, resulting in a 40% reduction in page load times, and powered the database with Firebase for real-time data synchronization. Developed a React-based dashboard for menu editing, reducing menu update times by 50%.
- **CraftCollaz.org** - Focused on WordPress development and e-commerce solutions, utilizing Elementor for custom page creation and PayPal integration, resulting in a 20% increase in user engagement and a 15% boost in online sales.
- **Abtris Consulting [own website]** - Enhanced the website's online presence and user engagement using HTML, CSS, and jQuery for development, resulting in a 25% increase in website tra c and a 10% improvement in user engagement metrics.

Web Developer and Admin
Ethnic Republic
June 2017 - November 2018,Bhubaneswar, Odisha, India

Learned HTML, CSS, and JavaScript fundamentals, successfully integrating the PayPal payment gateway.

- Managed CMS platforms like WordPress and OpenCart on Apache servers.
- Developed a custom-designed blog and created an OpenCart website for Ethnic Republic, specializing in hand-painted sarees and ethnic apparel.
- Expanded skills by learning React and Firebase, revamping the Ethnic Republic website from OpenCart to React.
- Utilized React's Context API with Redux for state management and explored Single Page Applications (SPAs) and their impact on SEO.
- Improved SEO by converting the website to server-side rendering (SSR) using Create Razzle App.
- Successfully integrated the PayUMoney payment gateway for secure transactions.

PROJECTS

Unstoppable: Mindset Builder
Abtris Consulting and Labs• https://unstoppable.so/• March 2021 -September 2023

- Contributed to the "Unstoppable: Mindset Builder" application since March 2021.
- Developed dynamic web components with Next.js, resulting in a 20% improvement in user interaction speed.
- Created category pages with curated motivational quotes from various authors, books, and topics, increasing user engagement by 15%.
- Designed and implemented an admin dashboard for quote management, book and author addition, and user account oversight, reducing administrative workload by 30%.
- Enabled dynamic marketing links and bulk quote uploads, streamlining content management and reducing manual efforts by 40%.
- Expanded skills by learning SQL basics and BigQuery for analytics, contributing to improved data-driven decision-making.
- Utilized PostgreSQL and Supabase for efficient data management, leading to a 25% reduction in data access times.
- Developed custom cloud functions in Node.js to enhance platform functionality, increasing overall system efficiency by 20%.

Banner Magic

Abtris Consulting and Labs • January 2022 - April 2022

- Contributed to the "Banner Magic" project in January 2022, streamlining marketing banner creation for Shopify users.
- Developed Flask APIs to facilitate Shopify store connection, product data retrieval, and banner generation, reducing banner creation time by 40%.
- Acquired image manipulation skills, enabling efficient image handling for banners, resulting in a 25% improvement in banner quality.
- Successfully deployed Python Flask applications on Heroku, ensuring seamless project accessibility and availability.
- Utilized Firestore for data management, enhancing data retrieval and storage efficiency by 30%.
- Employed Next.js for building a responsive front-end, providing users with an optimal browsing experience on various devices.

Reading Bharat Complete Platform

Abtris Consulting and labs• April 2020 - January 2021

- Developed an online library, "Reading Bharat," offering books in multiple Indian languages.
- Utilized GatsbyJS and Next.js for front-end development, resulting in a 30% improvement in page load times.
- Integrated PDF.js to enable in-browser rendering of PDFs within webpages, reducing PDF load times by 40%.
- Leveraged AWS services like S3, Lambda, Route53, and CloudFront for hosting and delivery, achieving 99.9% website uptime.
- Gained proffciency in Python programming and developed 10 custom AWS Lambda functions for various site functionalities.
- Successfully deployed the website on AWS infrastructure, configuring S3 for file storage, CloudFront for content delivery, Lambda for serverless functions, and Route53 for custom domain management with SSL, resulting in a 15% increase in site security.
- Implemented Lambda functions to prevent Google from indexing PDF files in the S3 bucket, reducing unwanted indexing by 90%.
- Enhanced website SEO by implementing server-side rendering (SSR) with Next.js for each book, resulting in a 40% increase in search engine visibility.
- Utilized Google Search Console for indexing management, deindexing of pages, and error handling, resulting in a 25% decrease in indexing issues and improved technical SEO skills.

QR Menus For Restaurants / No Touch Menu

Abtris Consulting and Labs• January 2019 - January 2021

- Contributed to the development of QR Menus For Restaurants, an innovative solution to streamline dining experiences, from January 2019 to March 2019 and continued work on its evolution, the "No Touch Menu," starting in January 2021.
- Specialized in front-end development using Google-AMP (Accelerated Mobile Pages) to optimize mobile performance, achieving a 50% reduction in page load times.
- Leveraged Firebase for real-time data synchronization, ensuring seamless updates to menus and enhancing user experience.
- Led the development of a user-friendly React-based dashboard, streamlining menu editing processes for restaurant owners and improving efficiency by 40%.
- Utilized Gatsby and React for the "No Touch Menu," creating a blazing-fast QR menu with loading times of under 1 second even on 3G internet connections.
- Achieved remarkable Lighthouse scores for website performance, with most categories scoring 100 or 99, reflecting exceptional optimization efforts.

EDUCATION

M.Sc in Applied Chemistry

College of Engineering and Technology, Bhubaneswar (OUTR) • Ghatikia, Bhubaneswar, Odisha• 2018

SKILLS

Front End: HTML, CSS, JavaScript, TypeScript, React, Next.js, GatsbyJS, Redux, Tailwind CSS

Back End: Node.js, Python, Flask, FastAPI, PostgreSQL, Firestore, Supabase, BigQuery

Version Control: GitHub, GitLab

Project Management: ClickUp

Content Management Systems (CMS): Wordpress

Design Tools: Figma

Cloud & Serverless Platforms: Vercel, Render, : AWS Services (S3, Lambda, Route53, CloudFront), Heroku