SAYANTANI CHATTERJEE

Full Stack Developer

CONTACT

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📍 Bengaluru, India

EDUCATION

Bachelor of Science
University of Calcutta
2015 - 2018

10th and 12th Standards
Modern English Academy
2013 - 2015

SKILLS

React.js	MySQL
React hooks	SQL
Redux Saga	PHP
Node.js	Express.js
Vue.js	Javascript
Nuxt.js	jQuery
Mongo DB	AWS
Laravel	Redis
Git	Docker
Shopify	Tailwind CSS
Bootstrap	Sass
HTML	CSS
System Design	Eloquent ORM

WORK EXPERIENCE

SOFTWARE ENGINEER   SEP 2022 - MAR 2024
XCITECH TECHNOLOGIES | REMOTE

- Designed a centralized authentication system, seamlessly integrating with 5+ microservices to enhance access control and bolster security measures.
- Engineered a redirection system using Laravel and React to manage various website links efficiently, integrating automated update capabilities.
- Optimized search functionality for US-based vehicle selling website using agile methodologies.
- Championed Test Driven Development (TDD) methodologies in Nuxt.js (Vue.js), resulting in a 30% increase in project robustness.
- Contributed significantly to the development of Chrome Extensions for Shopify websites, resulting in a notable increase in discount application efficiency.
- Developed 10+ RESTful APIs with Node.js, guaranteeing seamless front-end and back-end integration.
- Resolved over 90% of reported issues within 24 hours, ensuring uninterrupted application functionality.
- Collaborated closely with development and testing teams, contributing to the design and implementation of solutions that precisely met client specifications, resulting in a 20% increase in functionality, 15% improvement in scalability, and 25% enhancement in performance.
- Consistently achieved a 95% adherence to project deadlines through thorough time allocation and prioritization strategies, ensuring timely delivery of all tasks.

FULL STACK DEVELOPER   JAN 2022- SEP 2022
WEBMANUFACT | BENGALURU, INDIA

- Mastered frontend development utilizing Vue.js and React.js, constructing an intuitive interface for the warehouse management software from scratch. Achieved a 30% improvement in responsiveness and delivered 25+ well-optimized components under agile methodology.
- Built 20+ Rest APIs with Laravel, guaranteeing seamless frontend integration and spearheading the entire app development process for the warehouse management system.
- Independently spearheaded the development of the database system and system design for the app, achieving a 30% increase in performance and ensuring 99.9% reliability.
- Collaborated closely with teams of 4 to 5 back-end developers to design robust APIs.
- Integrated over 10 third-party APIs to significantly enhance functionality and elevate user experience across various web platforms.

WEB APPLICATION DEVELOPER   NOV 2020 - DEC 2021
CONVERGENT INFOWARE | KOLKATA, INDIA

- Crafted a secure doctor booking web application utilizing Laravel and MySQL, ensuring compliance with HIPAA and DISHA standards, serving over 10,000 users monthly
- Engineered theme customization akin to Thinkific, resulting in a 30% increase in user engagement and a 25% boost in user satisfaction through personalized experiences.

SKILLS

Web Design	RESTful APIs
Agile	Jira
Linux	Version Control
Github	Git proficiency
API Design	API Integration
Programming	HTML & XML
API Development	Coding Standards
Amazon Web Services	Cyber security protocols
Javascript framework management	Superior Time Management
Model View Controller (MVC)	Blade templating engine
Object-Oriented Programming	Software Development Life Cycle (SDLC)
Front-end Development	Back-end Development
Web Technologies	Agile Methodologies
Database Management	Scrum Methodology
Team Collaboration	Project Management
Software Development	Product Development
Project Planning	Project Documentation

LANGUAGES

- English
- Hindi
- Bengali

- Led the development of 5 comprehensive dashboards, each equipped with a robust authentication system for enhanced security and user management.
- Enhanced website functionality to elevate user experience and crafted a job application platform featuring advanced search and membership functionalities.
- Integrated seamless payment gateways like Stripe and Instamojo
- Collaborated with marketing and QA teams, achieving strategic alignment and guaranteeing bug-free development, resulting in a 20% increase in overall project efficiency.
- Implemented CI/CD pipelines for continuous integration and deployment
- Coded websites using HTML, CSS, JavaScript, and jQuery languages.
- Boosted user experience by 40% through responsive web design implementation and website performance optimization.

WEB DEVELOPER   FEB 2020 - NOV 2020
THE GRAPHE - A DESIGN STUDIO | KOLKATA, INDIA

- Initiated the development of an ecommerce app using Laravel, Lumen, jQuery, and Bootstrap, delivering a comprehensive and user-friendly online shopping solution.
- Architected the MySQL database structure from inception, ensuring optimized data management and scalability for the application.
- Designed visually captivating frontend layouts for wedding-related digital products including save-the-date cards and caricatures on WordPress, boosting website aesthetics and increasing user engagement by 40%.
- Improved user experience by 30% through responsive web design and enhanced website performance by 40%.
- Crafted 10+ custom web applications, using HTML, CSS, JavaScript, and jQuery, delivering tailored solutions to meet diverse client needs.
- Implemented website development strategy, transforming mockups into functional web presence using HTML, JavaScript, AJAX, and JSON coding.
- Successfully migrated 10+ websites to new platforms, reducing downtime by 40% and ensuring uninterrupted user experiences.

ACCOMPLISHMENTS

- Hands-on experience as a Laravel Developer - Eloquent ORM, MVC (Model View Controller), RESTful APIs, Blade templating engine, Composer, Unit testing (PHP Unit), OOP (Object-Oriented Programming), Version Control, Problem solving, Agile Methodologies.
- Hands-on experience with React application development, including React hooks, Saga, Actions, and Reducers.
- Proficient in Node.js, AWS, and MongoDB, mastering 2 new technologies annually.
- Demonstrated understanding of design patterns and software architecture principles.
- Strong understanding of system design principles, proficient in architecting scalable, efficient, and maintainable systems using the MERN stack.
- Have developed a highly scaleable chat application using web sockets and Redis Aiven (pub/sub) architechture (MERN Stack).
- Experience with CI/CD pipelines and familiarity with UI automated testing.
- Knowledge of Video streaming libraries like Video.js, enhancing capabilities in multimedia application development.
- Understanding of monitoring, remote config, and experimentation tools, contributing to effective feature analysis and deployment.
- Proven ability to drive teams towards delivering better solutions through improved software designs, engineering practices, and automation.

CERTIFICATIONS

PG Program in Cyber Security (Red Team)
Simplilearn by IIT Kanpur
NOV 2023 - Present

Aptech Certified Web Developer (ACWD)
Aptech Institute, Kolkata
2019