

SAYANTAN DEV

CONTACT DETAILS

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EXPERIENCE SUMMARY

Over the past 12 years, extensive experience in the field of IT has been accumulated, with a specialization in both frontend and backend web development. The journey has been marked by hands-on involvement in various projects, covering development, testing, leading and managing projects based on the MERN (MongoDB, Express.js, React, Node.js) technology stack.

With profound expertise and practical familiarity in the MERN stack, supplemented with TypeScript, my skills encompass database management using MongoDB, PostgreSQL, or MySQL. I leverage Express.js as the backbone framework for backend development, while employing React to craft dynamic and intuitive user interfaces. Additionally, Node.js serves as the cornerstone for server-side logic, ensuring robust and scalable applications across the board.

Proven experience in the leadership and management of development teams is demonstrated. The ability to guide, mentor, and provide technical leadership to team members is possessed. Expertise in project planning, resource allocation, and timeline management has been developed. Experience with deployment strategies and continuous integration/continuous deployment (CI/CD) pipelines is also held.

KEY SKILLS

Functional: Excellent Communication and Interpretation skills, creating and maintaining technical documentation, analysis and design of data flow systems, Proactive identification, and resolution of issues during the development process, providing technical insights and recommendations during client interactions.

Technical: React, Redux, Node.js, Express.js, TypeScript JavaScript (ES6+), MySQL/PostgreSQL/MongoDB, PHP, HTML5, CSS3, RESTful APIs, GraphQL, React Testing Library, Jest, CI/CD.

EXPERIENCE

01	Type of Industry:	Healthcare
	<i>Company name:</i>	Birlasoft
	<i>Project Description:</i>	<p>Over the last one year and nine months at Birlasoft, I have been actively involved in working on two distinct projects for Stryker, a globally recognized medical technologies company renowned for its innovative products and services in the field of medical and surgery.</p> <p>The primary objective of the software is to furnish doctors across various hospitals with cutting-edge tools for knee and joint replacement procedures. The technology stack encompasses React for the frontend, Express.js for the backend, and GraphQL for seamless data communication. The crucial master data and user information are centralized within Salesforce. In this setup, the frontend, backend, and Salesforce systems are intricately interconnected through the Heroku platform. This integration ensures a cohesive and efficient flow of information and functionalities across the entire ecosystem.</p>
	<i>Role/Title:</i>	Technical Lead
	<i>Project Duration:</i>	Sept 2022 – Current
	<i>Responsibilities:</i>	<p>Provide technical direction and guidance to the development team. Set coding standards, best practices, and ensure adherence to them.</p> <p>Design scalable and efficient architecture for web applications based on the MERN stack.</p> <p>Conduct regular code reviews to ensure code quality, consistency, adherence to coding standards. and provide constructive feedback to team members.</p> <p>Collaborate with project managers to define project scope, timelines, and resource requirements.</p> <p>Break down larger tasks into smaller, manageable tasks for the development team.</p> <p>Mentor and guide junior developers in the team.</p> <p>Address complex technical challenges and provide effective solutions.</p> <p>Optimize application performance, both on the frontend and backend.</p> <p>Document important design decisions and considerations.</p> <p>Communicate technical decisions and project status to stakeholders and collaborate with product managers to align technical solutions with business goals.</p>
	<i>Software / Languages:</i>	React, Redux, Node.js, Express.js, TypeScript, GraphQL, PostgreSQL, Redis, Bootstrap 4
02	Type of Industry:	Various
	<i>Company name:</i>	Flaamant
	<i>Project Description:</i>	<p>From 2019 to 2021, I engaged in diverse projects, honing skills across multiple domains and technologies. This enriched experience encompasses frontend and backend development, leveraging technologies like React, Node.js, TypeScript, MongoDB, and SQL. Each project contributed to a comprehensive understanding of varied IT landscapes.</p>
	<i>Role/Title:</i>	Co-founder
	<i>Project Duration:</i>	Sept 2019 – Aug 2022
	<i>Responsibilities:</i>	<p>Collaborate with other co-founders to define the company's vision and long-term strategy.</p> <p>Develop and maintain a roadmap for the company's service offerings.</p>

Choose the appropriate technology stack for the development of products or services.
 Actively contribute to coding and development efforts.
 Oversee and participate in code reviews to maintain code quality and consistency.
 Recruit and build a technical team with the right skills and expertise.
 Plan and manage development projects, including resource allocation and timeline management.
 Stay informed about industry trends, emerging technologies, and market demands.
 Engage with clients to understand their technical requirements and expectations.
 Contribute to the development of a positive company culture, emphasizing innovation, collaboration, and continuous learning.

Software / Languages:

React, Redux, Node.js, Express.js, REST API, GraphQL, PostgreSQL, Bootstrap 4, Material UI, PHP, CodeIgniter, HTML5, CSS3

03 Type of Industry

Travel

Company Name:

Wetrekkers

Project Description:

An automated itinerary generator for the clients. Main problem in tourism is to get trained employee who can deal with the customer's need and provide a well decorated plan to travel. From that requirement, we developed a web base app to provide an end user solution without the help of a person. Here a visitor can provide number of heads, starting and end location, date and other requirements and based on that a complete itinerary is generated.

Role/Title:

Senior Software Developer

Project Duration:

July 2018 – Aug 2019

Responsibilities:

Lead the design and architecture of the software solutions. Define the structure and components of the application.
 Write high-quality, maintainable, and efficient code. Use best practices and coding standards.
 Provide guidance and mentorship to junior developers. Share knowledge and best practices within the team.
 Participate in project planning, including estimation, task breakdown, and assignment.
 Analyse and understand project requirements, translating them into technical specifications.
 Responsible for peer Code Review, provide support during production deployment.
 Optimize code and database queries for performance and scalability.

Software / Languages:

React, Redux, Node.js, Express.js, MongoDB, Bootstrap 4

04 Type of Industry

Fintech industry

Company name:

Finlab.in

Project Description:

A web base platform for the fintech company on a client base model. There are three different parts in the system. Admin, Fintech Agent, and Clients.
 Admins(owners), communicate with the agents and explain all their products.
 Agents sell the products to the clients. All the purchases, sells and commissions were calculated and documented on the website.

Role/Title:

Software Developer

Project Duration: Mar 2017 – June 2018

Responsibilities: Develop and maintain server-side logic using CodeIgniter 3 framework.
Design, develop, and maintain APIs to facilitate data exchange between the frontend and backend systems.
Implement user authentication and authorization mechanisms.
Design and implement visually appealing and responsive user interfaces. Translate design mock-ups into interactive and functional web pages.
Integrate with third-party services and APIs to enhance functionality.
Collaborate with UX/UI designers to create a positive and intuitive user experience.
Work with frontend frameworks and libraries to expedite development and maintainability.

Software / Languages: CodeIgniter (PHP), MySQL, JavaScript, jQuery, HTML5, CSS3, Bootstrap 4

05 Type of Industry Electronic payment industry

Company Name: Abersoft

Project Description: Responsible for developing Restful Web Api for various projects.

Role/Title: Backend Developer

Project Duration: Sept 2013 – Aug 2016

Responsibilities: Develop and maintain server-side logic using the CodeIgniter PHP framework.
Design and implement database schemas using tools like MySQL or PostgreSQL.
Handle database migrations, indexing, and normalization.
Use version control systems, such as Git, to manage and track changes in the codebase.
Document code, processes, and APIs for reference and future development.
Identify and troubleshoot issues in the backend code as well as debug and resolve technical issues in a timely manner.

Software / Languages: CodeIgniter (PHP), MySQL, PostgreSQL JavaScript, jQuery

06 Type of Industry Various

Company Name: Morpheus Technology Solutions

Project Description: Small projects using PHP, Html and CSS which includes changing page designs, changing queries or creating new queries.

Role/Title: Junior Software Developer

Project Duration: June 2009 – July 2011

Responsibilities: Writing clean, efficient, and well-documented code using programming languages such as HTML, CSS, JavaScript, and PHP.
Assisting in the development of websites, web applications, and other digital solutions.
Identifying and resolving technical issues and bugs.
Collaborating with the team to troubleshoot and debug problems.
Documenting code and development processes for future reference.

Software / Languages: PHP, MySQL, Html and CSS

EDUCATION

Degree	School / College	Board / University	Year of Passing	Percentage
Diploma in Computer Networking	Centennial Collage	Centennial Collage	Aug 2013	72%
M. C. A.	Bengal Engineering and Science University	Bengal Engineering and Science University	May 2009	67.3%
B. Sc. (Physics)	S. A. Jaipuria College	University of Calcutta	May 2005	55.9%
H. S. C. (Science)	Margaret (S.N.) English High School	West Bengal Council of Higher Secondary Education	March 2002	77.5%
S. S. C.	Siliguri Boys' High School	West Bengal Board of Secondary Educatin	March 2000	83.6%