

Debjyoti Mohapatra

Full Stack Developer

Contact



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[Debjyoti mohapatra](#)

Education

2015 - 2019

Silicon Institute of Technology / B. Tech (CSE),

Completed B.Tech in Computer Science, skilled in algorithms and software engineering.

– Bhubaneswar, Odisha, India

Key Skills

Javascript

TypeScript

Tailwind

Vue (Nuxt, Quasar)

Nodejs (Express)

FireBase

mongoDb

Git

docker

React (Next)

Profile

An accomplished individual dedicated to full stack Software Development, boasting 4 years of practical expertise. Adaptable across diverse domains, displaying versatility and quick learning. Enthusiastic about new technologies, excelling under pressure, and thriving in challenges. Currently a Senior Software Engineer, actively pursuing novel opportunities for innovation and problem-solving.

Professional Experience

December 2023 – Present

Chennai

Senior Software Developer at [GateAI Pvt Ltd](#)

As a full stack developer, I spearheaded the development of a multi-tenant AI-based application, facilitating interaction with various AI engines powered by different language models (LLMs). Additionally, I engineered the backend service in Node.js to support this innovative solution.

- Engineered an AI-driven, multi-tenant chat application with a paramount focus on data security. Implemented robust mechanisms for sensitive data detection and data loss prevention, ensuring comprehensive protection of user information.
- Architected a backend service to seamlessly generate APIs, facilitating interaction with both the portal and AI engines powered by diverse language models (LLMs). This service served as a vital bridge between the application's frontend and the AI infrastructure.
- Designed and implemented a centralized authentication module to ensure secure and streamlined authentication across all application components. This module provided a unified and reliable authentication mechanism, enhancing overall security and user experience.

Skills utilised: Javascript, TypeScript, Vue (2 & 3), Nuxt 3, Nodejs(express), Tailwind, Git, github. mySql, Sequelize , jira and other js libraries

September 2021 – November 2023

Bengaluru

Senior Software Developer at [Geekyants Private Limited](#)

I served as a proficient full stack developer, acquiring valuable expertise across a range of projects, predominantly within the **Fintech** sector.

Client - [Elever](#)

- Create and manage responsive, visually appealing informational websites while optimizing performance and user experience. Integrate analytics and SEO for enhanced functionality .
- Design, develop, and maintain a versatile Content Management System for use across multiple platforms.
- Engineer and deploy a Backend API application for content management, including PDF generation, email systems, and other functionalities.
- Devise and construct an advisory and admin console for seamless operations.
- Innovate and develop a sophisticated portfolio-centric investment website.

Skills utilised: Javascript, TypeScript, Vue (2 & 3), Nuxt (2 & 3), Quasar v2, firebase, Nodejs(express),bootstrap , Tailwind , Git, Gitlab, docker, echarts, chartjs and other js libraries

Frontend Developer at [Ideanz IT Solutions Pvt Ltd](#)

As a Frontend Developer , I played a key role in crafting an innovative no-code platform [KISAI](#) for transformative web and mobile app solutions.

Key Achievements:

- Spearheaded revolutionary no-code platform development, redefining app creation.
- Led creation of dynamic Component Library, optimizing development processes.
- Designed intuitive Layout Builder, enabling effortless web page creation.
- Pioneered innovative Schema Builder module, facilitating complex application design.

Skills utilised: JavaScript, Vue js (2 & 3), Tailwind, Storybook, & Various Other JavaScript libraries, Git, Gitlab.

Software Engineer at [Kalsoft Solutions Private Limited](#)

I served as a software developer, gaining invaluable expertise across a spectrum of projects. below are major project i was involved :

- [Salesdesk](#) - A Sales CRM “one stop solution for all sales need.”.
My responsibilities spanned design, development, and comprehensive module development, highlighting my commitment to holistic solutions.
- Digital DTV - Market Analysis and Digital Idea transformation.
I held the role of a Frontend Developer, responsible for designing UI components and developing client-side functionality to enhance the user experience of the application.

Skills utilised: Vuejs (Quasar), Nodejs (Nestjs), AWS, Apollo GraphQL, PostgreSQL, Redis, git , bitbucket , & other javascript Libraries .

Detailed Work experience

GateAI Pvt Ltd - December 2023 - Present

As a Fullstack Developer, I spearheaded the development of a cutting-edge AI chat portal, orchestrating a seamless fusion of frontend innovation, backend robustness, and AI integration. My tenure was marked by a commitment to innovation, security, and user-centric design, resulting in a highly functional and adaptable AI chat portal tailored to meet the dynamic needs of modern enterprises.

Key Highlights:

AI Chat Portal Development: Led the conceptualization, design, and implementation of an AI-driven chat portal capable of supporting chat models, document analysis, image generation, and more.

Customization and Integration: Developed functionalities allowing customization of AI engines to suit specific requirements, ensuring adaptability and versatility in response mechanisms.

Data Security and Loss Prevention: Implemented robust data security measures and data loss prevention protocols, ensuring a safe and secure environment for users' interactions and data handling.

Public and Private Models: Engineered both public and private AI models within the chat portal, catering to diverse user needs while maintaining confidentiality where necessary.

Sensitive Data Monitoring: Integrated sensitive data monitoring mechanisms, enabling real-time identification and mitigation of potential risks within the organization's data ecosystem.

Shared and Closed Chat Room Environment: Established shared and closed chatroom environments based on provided data, facilitating seamless collaboration and communication while maintaining privacy and data integrity.


Training and Development: Conducted extensive training sessions to empower users in utilizing the platform effectively, leveraging the capabilities of AI engines, and navigating the shared chatroom environment.

Responsibilities:

- **Frontend Development:** Utilized Nuxt 3 and Tailwind CSS to create visually appealing and responsive frontend applications, ensuring an intuitive user experience and streamlined navigation.
- **Backend Service Development:** Engineered scalable and efficient backend services using Node.js, Express.js, Sequelize, MySQL, and LangChain. Developed RESTful APIs to facilitate seamless communication between frontend and backend components, ensuring smooth data flow and interaction.
- **Database Management:** Designed and optimized database schemas using MySQL, ensuring data integrity and efficient querying. Leveraged Sequelize ORM for simplified database operations and seamless integration with Node.js.
- **Data Security and Privacy:** Implemented robust data security measures, including encryption protocols and access control mechanisms, to safeguard sensitive information within the chat portal. Ensured compliance with data privacy regulations and industry best practices.
- **Continuous Monitoring and Optimization:** Conducted regular performance monitoring and optimization efforts to enhance scalability, reliability, and responsiveness. Employed profiling and debugging techniques to fine-tune both frontend and backend components under varying loads.

- **Collaboration and Documentation:** Collaborated closely with cross-functional teams to ensure alignment with project goals and requirements. Maintained comprehensive documentation detailing system architecture, APIs, and development processes.

Tech Stack:


 **Frontend Expertise:** My technical proficiency extended to JavaScript, TypeScript, where I adeptly utilized Vue2 , Vue3 & Nuxt 3 to craft robust frontend solutions. I harnessed the power of Tailwind CSS to enhance user experiences and streamline development workflows.

 **Frontend:** JavaScript, TypeScript, Vue2 , Vue3, Pinia, Nuxt 3

Styling: SCSS, Tailwind Css

 **Backend:** Node.js, Feathers, Vuex

 **Database:** MySQL

 **Source Control Management:** Skillfully overseeing version control with Git and Github, I fostered a collaborative and organized development environment.

Geekyants - September 2021 – November 2023

In my role as a Full Stack developer in the fintech domain, I gained valuable experience through diverse projects. These opportunities not only deepened my understanding of real-time edge case implementations but also expanded my skills. Notable projects during this period include:

Project 1: Transactional portfolio centric investment website

This website operates as a transactional platform, offering users the chance to invest in diverse portfolios according to their individual risk assessments. Users can easily track the real-time value of their investments and enjoy the flexibility to deposit or withdraw funds from their active investments. Additionally, the platform provides timely notifications to users, informing them about upcoming payments and necessary portfolio rebalancing. It employs server-side rendering, ensuring a superior user experience with faster loading times.

Role in the project:

Design and development of SSR application.

Tech stack involved in the project:

TypeScript, Nuxt 3, firebase, bootstrap , Tailwind , Git, Gitlab, docker, chartjs, Go, postgres, kubernetes, GCP , and other JS libraries

Responsibilities:

I had the responsibility of working closely with the design team to create an engaging and responsive user interface, ensuring a seamless interactive user experience. My tasks included fetching data from various backend applications, including a deployed backend server and Firebase, and processing this data for presentation on the user interface. I also had the opportunity to work with various graph libraries to visualize data effectively. Additionally, I implemented universal state management using the Pinia library..

Project 2: An advisory and Backend console application

Develop a comprehensive advisory and admin console to streamline operations. This multifaceted platform includes an advisory module for advisors and clients, efficient MIS report management, strong admin functionalities, and user-related features. The advisory section equips advisors with tools for client management, portfolio handling, and risk assessment. MIS report management simplifies report creation, customization, and sharing. Admin operations cover user management, access control, security, and audit trails. Additionally, users can manage accounts, payments, and support requests. This integrated solution aims to boost operational efficiency and user satisfaction, catering to the needs of advisors, clients, and administrators.

Role in the project:

Design and development of the Single Page application with SSO

Tech stack involved in the project:

TypeScript, Vue 3, quasar v2, firebase, , Tailwind, Python , postgres, Git, Gitlab, docker, kubernetes, GCP, e-chart, pdf js, exceljs , and other js libraries.

Responsibilities:

I undertook the responsibility of screen design and the development of an interactive, responsive user interface with role-based access control. This involved the integration of data from various backend sources, including both the deployed backend server and Firebase. Furthermore, I was tasked with data preparation and presentation on the user interface. My involvement also extended to the utilization of various graph libraries and the implementation of a universal state management system through a state management library. This comprehensive approach ensured a cohesive and efficient user experience.

Project 3: A content management system

A content management system has been developed to enable the uploading of diverse content while offering the flexibility to customize syntax as needed. It incorporates a preview section that visually represents the final output, aiding users in comprehending the appearance of their content. The system implements a two-step approval process, contingent on assigned roles, to guarantee content accuracy. Approvers possess the capability to edit or annotate

necessary changes before reassigning the content to the author for correction. This functionality enhances user engagement by consolidating various tasks within the application interface.

Role in the project:

Design and development of the application

Tech stack involved in the project:

TypeScript, Vue 3, quasar v2, firebase, Git, Gitlab, docker, kubernetes, GCP, pdf js, and other js libraries.

Responsibilities:

My responsibilities encompass the complete design, development, and deployment of the application.

Project 4: A content Backend server

A backend Node.js API application has been created to offer all content-related APIs, handle APIs devoid of business logic, generate email templates for user emails, and execute various essential scheduled jobs to update the dataset.

Role in the project:

Develop and maintain a node backend API application

Tech stack involved in the project:

Javascript, TypeScript, firebase, Node, express js, Git, Gitlab, docker, pdfmake, Sendgrid and other js libraries

Responsibilities:

My responsibilities encompass the complete design of Api architecture, development, and deployment of the application.

Ideanz Solutions - May 2021 - September 2021


I had the privilege of contributing to the development of a groundbreaking no-code platform at Ideanz Solutions. This platform was designed to revolutionize the way comprehensive solutions for web and mobile application creation are delivered, significantly reducing the reliance on traditional coding methods.


As a Frontend Developer during this exciting venture, I took on a range of responsibilities that encompassed both management and development aspects. Here are some key highlights of my role:

- **Component Library Development:** Leveraging my expertise in JavaScript, Vue.js, Tailwind, and Storybook, I spearheaded the development of a dynamic Component Library. This library not only expedited our development process but also ensured consistency and reusability across our projects.
- **User Interface for Layout Builder:** A significant part of my role involved crafting an intuitive user interface for the Layout Builder module. By implementing drag-and-drop functionality, I empowered users to seamlessly construct web application pages without the need for coding expertise.
- **Schema Builder Creation:** I played a pivotal role in conceptualizing and implementing a Schema Builder module. This innovative tool allowed users to define intricate application schemas, link these schemas with

pages crafted using the Layout Builder, and specify states and events to be triggered at different application milestones. The creation of this tool involved using a flow chart constructor, which added an extra layer of flexibility and customization.

Tech Stack:

 **Frontend Expertise:** My technical proficiency extended to JavaScript, where I adeptly utilized Vue2 and Vue3 to craft robust frontend solutions. I harnessed the power of Tailwind CSS and Storybook to enhance user experiences and streamline development workflows.

 **Source Control Management:** Skillfully overseeing version control with Git and Gitlab, I fostered a collaborative and organized development environment.

This enriching experience at Ideanz Solutions allowed me to not only contribute to cutting-edge technology but also refine my skills in frontend development, UI/UX design, and collaborative software engineering. It was a pleasure being part of a team dedicated to pushing the boundaries of innovation in the realm of application development.

Kalsoft Solution Pvt Ltd. - NOV 2019 - May 2021

Project 1: A sales CRM


Customer Relationship Management (CRM) application tailored for Valve and Service Industries. Distinguished by its multi-tenant architecture, the project provided robust support for account management, project tracking, deliverable monitoring, and streamlined bulk custom orders through an intuitive spreadsheet interface.


Role in the project:


Design and development of the application

Tech Stack:

 **Frontend:** JavaScript, Vue 2, Vuex, Quasar

 Charting: E-charts, Plotly.js

 Spreadsheet: Js spreadsheet, Excel.js, pptgen.js, Sheetjs

 **Backend:** Node.js, Nestjs

 **Database:** PostgreSQL

 **Source Control:** Git, Atlassian Bitbucket

Query Language: Apollo GraphQL

During

Responsibilities:

My Responsibilities encompassed diverse responsibilities in design and development. Notably, I orchestrated end-to-end development of modules, reflecting my commitment to holistic solutions.

Project 2: A Market analysis and Design to Value tool

A cutting-edge real-time digital workshop platform featuring the innovative Charge Code for adaptable workshops. Users can seamlessly compare products, accessing top 3 ideas, while admin have the capability to generate


comprehensive reports. The platform boasts multi-language support and a user-friendly interface for enhanced accessibility.


Role in the project:

Frontend Developer

Tech Stack:

 **Frontend:** JavaScript, Vue 2, Vuex, Quasar

 Charts: E-charts, Plotly.js

 Spreadsheet: Js spreadsheet, Excel.js, pptgen.js

 **Backend:** Node.js, Feathers, Vuex

 Database: MongoDB

 **Source Control:** Git, Atlassian Bitbucket

Responsibilities

My primary responsibilities centered around frontend development, encompassing UI component design and seamless team collaboration to enhance the application's functionality. Key aspects of my contribution include:

- Product Module: Developed an input module for product information.
- Comparison Module: Implemented a comparison module for analyzing Different Products.
- Implementation Module: Module to transform generated improvement ideas into milestones.
- Advisor Module: Designed profiles for expert advisors.