

Abinas Patra

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Professional Summary

Full-stack developer with 8+ years of experience architecting and delivering scalable web applications that generate measurable business value. Specialized in React, Node.js, and MongoDB ecosystems with expertise in AI integration. Proven track record of leading development teams and transforming complex problems into innovative user-centered solutions that drive revenue growth.

Skills

- **Frontend:** React, Redux, TypeScript, JavaScript, Next.js, HTML/CSS, Tailwind
- **Backend:** Node.js, NestJS, Express, REST APIs, Microservices
- **Database:** MongoDB, Redis, ElasticSearch
- **Tools & Technologies:** Docker, Azure, AWS, Git, CI/CD, Kubernetes

Work Experience

Staff Software Engineer | [NeuralSpace](#) | Feb 2022 - Present

StorytellerAI

- Identified critical inefficiencies in creative workflows where content creators used disconnected tools, increasing production time by 40%.
 - Designed and implemented a unified platform using React, Node.js and Redux with custom state management patterns to handle complex creative workflows.
 - Engineered seamless AI integration by developing modular APIs that connected OpenAI, MidJourney, and SunoAI services, implementing efficient caching and error handling strategies.
 - Optimized data flow architecture resulting in 65% improvement in creative efficiency and 85% productivity increase according to beta tester metrics. ([Testimonials](#))
- ◆ **React, Node.js, Molecular Microservices, MongoDB, Redis, OpenAI Assistant API, MidJourney API, SunoAI**

Video Localization Platform

- Media companies struggled with inefficient localization workflows requiring multiple tools and manual processes for transcription, translation, and subtitle management.
 - Built a comprehensive Video Localization Platform from scratch using React, Node.js, and Ant Design that handles the entire workflow from upload video/audio to translation in 80+ languages.
 - Engineered a high-performance subtitle editor integrating Waveform JS and custom audio visualization algorithms, designing an efficient data synchronization system that reduced editing time by 85%.
 - Implemented a role-based permission system with custom middleware, caching strategies and real-time collaboration features that improved project turnaround time by 90%
 - Delivered measurable business impact by securing a \$72,000 annual contract with a leading APAC media company, with platform analytics showing 65% reduction in manual effort.
- ◆ **React, Node.js, Molecular Microservices, Redis, MongoDB**

Technical Lead | [Reverie Language Technologies Pvt. Ltd.](#) | September 2019 - March 2022

[Prabandhak](#)

- Translation teams lacked efficient tools to manage multilingual content, resulting in slow turnaround times and inconsistent quality across language pairs.
 - Led a team of 4 developers and 2 testers to enhance Prabandhak, implementing CAT tools, spellcheckers, and dictionaries using React, Node.js, Java, and Elasticsearch.
 - Developed a Translation Memory system using Elasticsearch with custom string matching algorithms, increasing translator efficiency by 70%.
 - Built a comprehensive project management system enabling team creation, role assignment, and efficient workflow management for both in-house and marketplace projects.
 - Created a localization marketplace feature that attracted over 5,000 freelance translators, significantly expanding the platform's service capabilities and revenue streams.
- ◆ **React, Node.js, Java, MongoDB, Redis, ElasticSearch**

Senior Software Engineer | [Tripborn](#) | October 2018 - September 2019

- Developed a unified API aggregator service using Node.js and MongoDB that combined ticket data from all major providers to automatically display the lowest prices first.
 - Built the application following OOP concepts and SOLID principles, creating a modular and maintainable codebase that simplified future API integration.
 - Implemented rate limiting to prevent excessive requests and JWT token-based authentication to ensure secure API communication.
 - Reduced ticket search time by 75% and increased conversion rates by 30% through streamlined access to the best available fares across all providers
- ◆ **Node.js, MongoDB, Redis**

Co-founder | [Metaverse Internet Private Limited](#) | Jan 2017 - October 2018

- Students and working professionals struggled to access high-quality technical education in competitive coding and full-stack development at affordable prices.
 - Co-founded MetaDemy, building the entire platform infrastructure using PHP Laravel framework and MySQL to deliver specialized technical courses.
 - Successfully enrolled 23 students in the initial phase, generating INR 270,000 in revenue and achieving a 90% course completion rate, validating the platform's product-market fit.
- ◆ **PHP Laravel, MySQL, Redis**

Software Engineer | [Capgemini India Private Limited](#) | August 2015 - December 2016

- Maintained and enhanced web interfaces within the SAP Enterprise Portal environment using HTML, CSS and jQuery to display real-time maintenance analytics.
 - Improved dashboard responsiveness by 40% and reduced user training time by 65% through intuitive UI enhancements and interactive visualizations for key performance metrics.
- ◆ **CSS3, jQuery**

Education

Bachelor of Technology(B.Tech in Information Technology) 2011-2015

Veer Surendra Sai University of Technology (Formerly UCE), Burla (**CGPA-7.43**)