

Abinas Patra

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Professional Summary

Full-stack developer with 8+ years of experience building scalable web applications from ideation to production. Specialized in React, Node.js, and MongoDB with a proven track record of delivering innovative products that solve complex problems and generate revenue. Experienced in leading development teams and implementing efficient workflows.

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 2023 - Present

StorytellerAI

- Developed StorytellerAI to solve fragmented creative workflows where content creators used multiple disconnected tools.
- Built an integrated platform using React, Node.js and Redux with OpenAI's Assistant APIs for AI-powered conversations.
- Created seamless media generation by integrating MidJourney for images and SunoAI for music directly from conversation prompts.
- Increased creative efficiency by 65% and productivity by 85% according to beta tester feedback. ([Testimonials](#))
 - ◆ **React, Node.js, Moleculer 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.
- Created an advanced subtitle editor with Waveform JS featuring audio visualization, timestamp synchronization, and style customization that reduced manual effort by 85%.
- Designed a role-based project management system with custom permissions that improved turnaround time by 90% by eliminating email-based requests.
- Secured a major deal with a leading APAC media company worth \$72,000 annually over a 3-year contract, with platform efficiency reducing manual effort by 65%.
 - ◆ **React, Node.js, Moleculer 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.
- Developed RESTful APIs for core functionality and integrated payment gateways to provide seamless enrollment and course access.
- 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**)