

Abhishek Jena

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Profile Summary

Software Developer with 4+ years of experience building and scaling enterprise-grade single-page applications using Angular, JavaScript (ES6+), RxJS, and Node.js. Proven expertise in SPA architecture, REST API integration, and performance optimization. Experienced in implementing secure authentication and authorization solutions (OAuth2.0, SAML, Azure AD) and developing Node.js services backed by MongoDB. Strong background in Agile delivery, code reviews, and building reliable, maintainable systems in production environments.

Software Engineer

Dec 2021 – Present

Litmus World | Bangalore

Tech Stack: Angular19, TypeScript, JavaScript (ES6+), Node.js, HTML/CSS, REST APIs, Express.js, Git, MongoDB, RxJS.

- **Developed and scaled enterprise-grade single-page applications (SPA)** using Angular, JavaScript, RxJS, and RESTful APIs, improving performance and data flow across modules.
- Designed and implemented a **role-based User Access Control system**, reducing manual permission management by **50%** and improving admin efficiency.
- Built a **real-time Engagement Metrics module** to track user activity, NPS trends, and message analytics, enabling data-driven decision-making for stakeholders.
- Implemented **enterprise-grade SSO** using OAuth2.0 and SAML (Azure AD / Entra ID), reducing authentication-related support tickets by **30%**.
- Built and managed **Node.js REST APIs** for cross-module communication and seamless third-party integrations.
- Improved sprint stability by 20% through proactive collaboration with QA and design teams during feature validation and testing.
- Implemented centralized error handling, logging, and API validation mechanisms to improve application reliability and reduce production issues.
- Supported production deployments and environment configurations, troubleshooting issues across development, staging, and production environments.
- Improved front-end performance by **refactoring Angular components, optimizing RxJS subscriptions, and reducing unnecessary DOM re-renders**, resulting in faster page load times.
- Modeled and optimized **MongoDB collections, queries, and indexes**, reducing API response times and improving performance for large datasets.
- Actively participated in **code reviews, backlog grooming, sprint planning, and retrospectives**, contributing architectural suggestions and technical feasibility inputs.

Education

MBA – (Marketing & Finance)

2019 - 2021

Biju Patnaik University of Technology, Rourkela, Odisha

B. Tech - (Computer Science)

2015 - 2019

Biju Patnaik University of Technology, Rourkela, Odisha

Core Skills

- **Frontend** – AngularJS (1.x), Angular (v19), JavaScript (ES6+), TypeScript, HTML5, CSS3, SPA, RxJS
- **Backend:** Node.js, Express.js, MongoDB, REST APIs, JSON
- **Authentication & Security:** OAuth2.0, SAML, Azure AD (Entra ID), Role-Based Access Control
- **Tools-** JIRA, Confluence, Postman, Notion, Lucid chart, Bitbucket, Git

Additional Knowledge (Optional):

- **Product Management Program** – Agile (Scrum/Kanban), PRD Writing, A/B Testing, Customer Interviews, MVP Planning, Product Lifecycle, GTM Strategy, Wireframing (Figma)

Certifications:

- Product Management Program – HelloPM
- Foundations of Project Management – Google