

AMIYA KUMAR DAS

Web Developer

+91 8144239716 | amiyadas708@gmail.com | [Odisha, India](#)

[portfolio](#)
github.com/amiyadas01
linkedin.com/in/amiya-das-

PROFESSIONAL SUMMARY

Results-driven Web Developer with 8+ months of professional experience specializing in modern JavaScript frameworks, comprehensive testing strategies, and performance optimization. Proven expertise in building scalable web applications with robust authentication systems, API integrations, and automated testing pipelines. Demonstrated ability to reduce API calls by 50-60%, improve loading performance by 40%, and implement enterprise-level testing solutions.

TECHNICAL SKILLS

Frontend Development

Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript(entry level)

Frameworks: React.js, Next.js(entry level)

State Management: Redux Toolkit, Context API, React Router v7

UI/UX: Tailwind CSS, Bootstrap, Responsive Design, Material-UI

Performance: Lazy Loading, Code Splitting, React.memo, useCallback, SuspenseTesting & Quality Assurance

Unit Testing: Jest, React Testing Library (RTL)

End-to-End Testing: Cypress

API Testing: JUnit, REST Assured

Test Strategy: Component testing, Integration testing, User behavior testing

Backend & Server-Side

Runtime: Node.js, Express.js

Languages: Javascript,java(learning)

APIs: REST APIs

Server: Nginx(learning), Process optimization with Worker Threads

Database & Integration

APIs: Google Maps API, TMDB API, AI Integration (GPT-4 Mini),ThreadPool

Authentication: Auth0, RBAC, JWT, Protected Routes

Data Processing: CSV processing, JSON transformation

Development Tools

Version Control: Git, GitHub,GitLab

Development: Visual Studio Code, Chrome DevTools, npm/yarn,Maven

Deployment: Shell scripting

Error Handling: Comprehensive error management and logging

PROFESSIONAL EXPERIENCE

Web Developer | Sarada PR Initiative (formerly Clickwell Communication Pvt Ltd)

April 2025 - July 2025
Odisha, India

Client Project: RabbitM Web Application Development

Frontend Development & Testing:

Developed and maintained production-ready web application using React.js with comprehensive test coverage

Implemented unit testing with Jest and React Testing Library (RTL) for component reliability

Conducted end-to-end testing using Cypress to validate user behavior and application workflows

Created 15+ responsive web pages with mobile-first design approach

Implemented Auth0-based authentication system with Role-Based Access Control (RBAC)

Performance Optimization:

Reduced API calls by 50-60% through Context API migration from service-based architecture

Improved initial loading time by 40% using lazy loading, code splitting, and Suspense components

Optimized React components using React.memo and useCallback for enhanced performance

Converted 60% of existing CSS to Bootstrap for consistent UI/UX

Advanced Features Implementation:

Integrated Google Maps API with live location detection and geolocation services

Built debounced search functionality with advanced filtering and map integration
Implemented protected routing system with comprehensive RBAC controls
Enhanced user experience with skeleton loading states and smooth animations

Backend API Testing:

Conducted comprehensive API testing using JUnit and REST Assured
Validated all API responses, error handling, and edge cases
Ensured API reliability and performance under various load conditions

KEY PROJECTS

RabbitM Web Application | React.js, Auth0, Google Maps API, Jest, Cypress | Production-Ready Enterprise Application

Technical Implementation:

Built scalable React application with TypeScript for type safety
Implemented comprehensive testing strategy including unit tests (Jest/RTL) and E2E tests (Cypress)
Developed RBAC-based authentication system with protected routes
Integrated real-time location services with Google Maps API
Achieved 90% test coverage through rigorous testing methodologies

 [LINK](#)

Performance & UX:

Reduced initial load time by 40% through lazy loading and code splitting
Implemented responsive design supporting mobile, tablet, and desktop views
Created intuitive search functionality with debouncing and filtered results
CSV Data Processing & AI Integration | Node.js, GPT-4 Mini, Worker Threads
Advanced Data Processing Pipeline

CSV Data Processing & AI Integration | Node.js, GPT-4 Mini, Worker Threads | Advanced Data Processing Pipeline

Core Features:

Developed automated shell script for large-scale CSV to JSON conversion
Integrated GPT-4 Mini AI for intelligent data description generation
Implemented Google Maps coordinate mapping and validation
Built multi-threaded processing using Node.js Worker Threads for simultaneous task execution

Error Handling & Recovery:

Designed comprehensive error handling system with automatic failure detection
Created error file management system for failed uploads with detailed logging
Implemented re-upload functionality for error resolution and data recovery
Built automated server deployment pipeline with rollback capabilities

Performance Optimization:

Utilized thread pool management for concurrent processing of large datasets
Optimized memory usage and processing speed for enterprise-scale data handling
Implemented progress tracking and real-time status updates

Netflix Clone | React, Tailwind CSS, Appwrite, TMDB API, Jest | Full-Featured Streaming Platform

Advanced Features:

Built complete streaming platform with user authentication and authorization
Integrated TMDB API for dynamic content fetching and movie data management
Implemented smooth animations using Framer Motion for enhanced user experience
Developed comprehensive test suite covering user interactions and API integrations

Technical Excellence:

Created responsive design optimized for various screen sizes
Implemented lazy loading for images and content optimization
Built custom hooks for data fetching and state management

EDUCATION

Bachelor of Computer Application (BCA)

September 2021 - May 2024

SVM Autonomous College, Jagatsinghpur, Odisha

Currently Learning: Advanced TypeScript, Next.js 14, Spring Boot, Docker