

Tanjil Ahmed

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Personal Summary

Software Engineer with 9+ years of experience designing and scaling high-performance web systems using **Laravel, React, and Next.js**. I specialize in building enterprise-grade e-commerce, SaaS, and AI-driven platforms, leading teams through the full product lifecycle – from architecture to deployment. At Notionhive, I've delivered over **15 complex** applications and played a key role in shaping scalable architectures and mentoring engineers toward senior roles. I also have intermediate expertise in **Python, LangChain, and vector databases**, with a working understanding of **MCP Servers** for AI-based integrations. Additionally, I have deep knowledge of **WordPress theme and plugin development**, have published plugins on the WordPress.org repository, and hold strong experience in developing and getting themes and plugins approved on the Envato Market. I'm a strong advocate for clean architecture, **DevOps automation**, and practical innovation that drives measurable business results.

Programming Skills

- PHP (9 / 10)
- Laravel (9 / 10)
- Inertia Js (8 / 10)
- JavaScript (8 / 10)
- Python (6 / 10)
- MySQL and PostgreSQL (8 / 10)
- React and Next.js (8 / 10)
- WordPress development (9 / 10)
- HTML5 and CSS3 (9 / 10)
- Microservices architecture (7 / 10)
- DevOps (6 / 10)
- Redis (8 / 10)
- Rest API development (8 / 10)
- Software architecture design (7 / 10)

Work Experience

Lead Software Engineer

Notionhive Bangladesh — Dhaka, Bangladesh

05/2024 – Current

- Managed and mentored team of developers, providing technical direction and career guidance.
- Led design, architecture, and development of scalable software systems.
- Conducted thorough code reviews to uphold quality, performance, and security standards.
- Collaborated with cross-functional teams to align on project goals and deliverables.
- Translated business requirements into clear technical solutions and architectural plans.
- Implemented CI/CD pipelines to ensure smooth deployments and minimize downtime.
- Oversaw version control strategies for efficient collaboration among team members.
- Evaluated new technologies for potential adoption within the tech stack.

Senior Software Engineer

Notionhive Bangladesh — Dhaka, Bangladesh

02/2021 – 04/2024

- Managing a team of tech developers.
- Working with various technologies, including Wordpress, Laravel, React, etc.
- Supervising Junior members involved in different projects.
- Developed websites and software applications using WordPress, Laravel, and React.
- Conducted maintenance on software and websites to ensure optimal performance.

Software Engineer

Bengal Foundation — Dhaka, Bangladesh

08/2016 – 02/2021

- Executed ERM management strategies for Bengal Boi, enhancing operational efficiency.
- Streamlined library management processes to improve accessibility and user experience.
- Optimized inventory management practices to reduce waste and increase accuracy.
- Developed websites and software applications using WordPress, Laravel, and React.
- Conducted maintenance on software and websites to ensure optimal performance.

Projects

1. Robi Axentec

Technology: *Laravel, Tailwind*

Built a modular Laravel CMS for the Robi Axentec website, featuring reusable content components similar to WordPress Gutenberg. The system enables non-technical users to create and publish new pages using predefined components without developer support, and it implemented role-based authorization for secure content management and efficient workflow control.

Key Feature

- **Modular Page Builder:** Create and customize pages using reusable content components similar to WordPress Gutenberg.
- **Component Management System:** Easily manage, reuse, and arrange visual and functional components without developer assistance.
- **Role-Based Access Control:** Secure content workflow with defined roles and permissions for admins, editors, and contributors.

2. Gentle Park

Technology: *Laravel, Rest API, Next JS*

Developed a comprehensive, multilingual e-commerce platform for Gentle Park using Laravel, featuring a robust product management system with advanced inventory tracking across multiple branches. The application includes a sophisticated admin dashboard with real-time analytics and reporting capabilities.

Key Feature

- Advanced Product Management System
- Comprehensive Order Processing
- Multi-language Support
- Advanced Search Capabilities
- Analytics and Reporting
- Secure Authentication System

3. Skills Council Canada (SCC AI)

Technology: *Laravel, Tailwind*

Developed a Skills Council Canada (SCC AI) — an AI-powered career development and job-matching platform. It helps users discover ideal career paths by analyzing their skills, experience, and goals, while enabling employers to find candidates with precise qualifications through automated matching and analytics

Feature Key

- AI-Powered Career Guidance: Uses the OaSIS database to generate personalized career paths based on resumes and interests.
- Comprehensive Skills Assessment: Evaluates user skills, identifies gaps, and recommends targeted learning opportunities.
- Dynamic User Journey: Features intuitive modules such as “Recommended Careers,” “Skills Assessment,” “Learnings,” and “Explore Jobs.”
- Learning Path Integration: Suggests relevant courses aligned with user aspirations to enhance employability.
- AI-Driven Job Matching: Applies an 80% eligibility threshold to improve the accuracy of candidate-job matches.
- Admin Dashboard: Provides centralized control over career data, skills, learning modules, and users for easy scalability.

4. Bengal Boi (POS)

Technology: *Laravel, Tailwind*

Developed a comprehensive management system for Bengal Boi, combining bookstore and library operations, with an integrated food service POS module. The platform streamlines daily operations by managing book inventories, member activities, and café transactions—all from a unified backend. It ensures efficient data handling, smooth checkout processes, and real-time reporting to support both retail and hospitality operations within the same environment.

Feature Key

- Book and library management: Track book inventories, lending, returns, and member records with advanced search and categorization
- Integrated POS system: manage café and food service sales with real-time order processing, billing, and stock updates
- Inventory & Stock Control: Unified tracking for books and food items with automated stock level alerts.
- Customer & Membership Management: Maintain profiles, purchase history, and membership benefits in a centralized dashboard.
- Sales and expense reporting: Generate analytical reports for sales, expenses, and operational insights across both departments

- User Access Roles: Role-based permissions for library staff, café cashiers, and administrators to ensure secure operations.

5. AI-Powered Personalized GPT

Technology : Python, Langchain, Pinecone

Developed a custom GPT powered by Claude AI, designed to provide personalized responses by syncing with member data and a dedicated Google Drive folder. The system ensures context-aware interactions, improving response accuracy and relevance based on user-specific information.

Key Features

- Personalized AI Responses: The GPT dynamically tailors responses based on user context and stored data.
- Google Drive Synchronization: Seamlessly integrates with a dedicated Google Drive folder, allowing real-time access to relevant documents and knowledge.
- Member Data Integration: Syncs with user-specific information to enhance personalization and accuracy in responses.
- Context-Aware AI Interaction: Delivers responses based on both stored documents and user-provided context, ensuring a highly relevant and efficient AI experience.

Accomplishments

- Recognized as Employee of the Year 2022 for exceptional leadership, project delivery, and team impact at Notionhive. ([Source](#))

Education

Govt: Haraganga College — Munshiganj, Dhaka, Bangladesh
Bachelor of Arts: Bengali literature

Languages

Bengali, English

Reference

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