

Nihal T

Full Stack Web Developer

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PROFESSIONAL SUMMARY

Full Stack Web Developer specializing in Python (Django), Django REST Framework, and React.js , Next.js. Experienced in building scalable web applications, Built multiple production-ready projects including learning management and event management systems. Active open-source contributor

SKILLS

Languages: Python, JavaScript, Java, C++, C

Frontend: Next.js, React.js, Redux Toolkit, HTML5, CSS3, SCSS, Tailwind CSS, Axios, Styled Components

Backend: Django, Django REST Framework, REST APIs, Role-Based Access Control, Django ORM

Caching & Databases: PostgreSQL, MySQL, Redis, SupaBase

Tools and Platforms: Git, GitHub, Docker, Postman, Swagger/OpenAPI, CI/CD

Concepts: API Rate Limiting, Redis Caching, Authentication & Authorization, Unit Testing, REST API Design, CRUD Operations, Caching, State Management, Responsive Web Design, API Documentation, Integration Testing

PROFESSIONAL EXPERIENCE

Open Source Contributor, Kerala Toddy Finder

May 2026 - Present

⊕ [GitHub Contributors](#)

- Contributed **full-stack features** to an open-source platform using Next.js and Django REST Framework.
- Implemented Kerala map navigation, Explore page enhancements, and responsive UI improvements.
- Developed User Profile operations and Favorite Shops functionality with Django models, serializers, REST API endpoints, permissions, and personalized favorite status indicators.
- Improved backend query performance using select related, **reducing unnecessary database queries**.
- Integrated backend data with reusable frontend components.

PROJECTS

E-Learning Platform · React.js, Django REST Framework, PostgreSQL, Razorpay, JWT, Swagger/OpenAPI

<https://github.com/MrNihalT/Byway-E-Learning-Platform>

- Built a full-stack Learning Management System using React.js, Django REST Framework, and PostgreSQL with dedicated Role based access Supported 3 user roles.
- Developed 80+ REST APIs covering authentication, course management, assignments, quizzes, certificates, payments, chat, and community features and implemented Razorpay payments.
- Implemented JWT authentication, OTP email verification, password reset, protected routes, and role-based access control (RBAC).
- Improved backend query performance using select related, reducing unnecessary database queries and implemented pagination, reusable serializers and Built reusable React components.

Arts Management System · React.js, Django REST Framework, PostgreSQL, Redis

<https://github.com/MrNihalT/Arts-Management>

- Developed a full-stack college arts festival management platform using React.js, Django REST Framework, PostgreSQL, and Redis.
- Implemented JWT authentication, RBAC, token refresh, API rate limiting, and secure authorization workflows and role-based dashboards Supported 5 user roles.
- Reduced response latency using Redis caching, reducing database load and response latency.
- Built score management, result publishing, participation tracking, schedule management, media uploads, and API documentation using Swagger/ReDoc.

EDUCATION

Bachelor of Computer Applications, BCA, WMO Imam Gazzali Arts and Science College

Aug 2023 - May 2026 · Wayanad, India

LANGUAGES

English (Fluent), Malayalam (Native), Arabic (Basic)