

# NIKHIL PILLAI

## Full Stack MERN Developer

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[www.portfolio-v2-mu-navy.vercel.app/](http://www.portfolio-v2-mu-navy.vercel.app/) • [www.github.com/TechSwimmer](https://www.github.com/TechSwimmer) • [www.linkedin.com/in/techdevnikhil](https://www.linkedin.com/in/techdevnikhil)

## PROFESSIONAL PROFILE

Full-stack JavaScript developer with hands-on experience building MERN applications and contributing to open-source projects. Experienced in React, Node.js, Express, and MongoDB, with practical exposure to JWT authentication, REST APIs, state management, and debugging real-world codebases. Built and deployed production-style applications and actively improving frontend/full-stack engineering skills through OSS contributions and problem solving.

## WORK EXPERIENCE

### SENIOR EXECUTIVE – HEXAWARE TECHNOLOGIES (FIRST ADVANTAGE)

2019-09 - 2021-07

Mihan, Nagpur

#### Roles

- Managed verification workflows with high accuracy and SLA adherence.
- Coordinated with cross-functional teams for case resolution and status tracking.
- Worked with sensitive data under strict confidentiality and process compliance.
- Built strong operational discipline, data validation, and issue-resolution skills.

## EDUCATION

### SSC – MONTFORT HIGHER SEC SCHOOL

2009-05 - 2011-05

Kemrith, Bamni, Chandrapur

### HSC – SRI CHAITYANYA JUNIOR KALASALA

2011-05 - 2013-05

Ameenpur village, Patancheru mandal, Medak dist.

## PROJECTS

### ResumeBaker

<https://resume-baker.netlify.app>

<https://github.com/TechSwimmer/cv-Builder>

Built a real-time resume builder with synchronized form state, live preview, and AI-powered resume import.

#### Technologies:

React

Vite

Node.js

Express

MongoDB

jsPDF

html2canvas

JWT

react-PDF

- Built a dynamic form architecture with synchronized live preview across multiple resume layouts.
- Implemented JWT-based auth with guest and registered user flows.
- Developed REST APIs for save/load/update/delete resume data.
- Built AI resume import pipeline with normalization logic for inconsistent parsed output.
- Maintained structural consistency between HTML preview and PDF export rendering.

### TaskNest - A Full-Stack To-Do Application

<https://todotasknest.netlify.app>

<https://github.com/TechSwimmer/ToDo-list-app>

Developed a full stack SPA task management app implementing secure JWT authentication and RESTful API architecture.

#### Technologies:

Node.js Express MongoDB Javascript

- Built secure auth and CRUD APIs with token-based access control.
- Implemented calendar-based task filtering and responsive task management UI.
- Integrated MongoDB Atlas persistence and deployed with frontend/backend split hosting.

#### Portfolio V2

[www.portfolio-v2-mu-navy.vercel.app](http://www.portfolio-v2-mu-navy.vercel.app)

<https://github.com/TechSwimmer/portfolio-v2>

Built a production-ready developer portfolio using Next.js App Router with dynamic project pages, dark mode, responsive UI, API-powered contact form, and reusable component architecture.

#### Technologies:

Next.js TypeScript Tailwind CSS Framer Motion React Nodemailer

- Built a reusable component-driven architecture using Next.js App Router and TypeScript.
- Implemented dynamic project pages with structured content rendering and media support.
- Developed a functional contact system using Next.js API Routes and Nodemailer for real email delivery.
- Built a global dark mode system using Context API with persistent theme handling.
- Added responsive layouts, animations, hover states, and UI polish for improved user experience.
- Optimized media handling with video compression, metadata preloading, and image optimization practices.

## TECHNICAL SKILLS

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- Frontend: React, Next.js, TypeScript, Tailwind CSS, Framer Motion, JavaScript (ES6+), HTML, CSS
- Backend: Node.js, Express.js
- Database: MongoDB, MongoDB Atlas
- APIs/Auth: REST APIs, JWT Authentication
- Tools: Git, GitHub, Axios, Vite
- Deployment: Netlify, Render
- Solved 150+ coding problems on Codewars (JavaScript), focused on problem-solving and core language fundamentals.

<https://www.codewars.com/users/techDevNikhil>

## OPEN SOURCE CONTRIBUTIONS

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- Contributed 4+ merged pull requests to open-source React, JavaScript, and Electron-based projects on GitHub.
- Implemented features and fixes including task descriptions, task sorting, keyboard shortcuts, and multi-tab Save All workflows.
- Collaborated with maintainers through issue discussions, code reviews, and pull request workflows while working in unfamiliar production-style codebases.
- Added Save All workflow for multi-tab editing in Electron app
- Implemented task description system in React Kanban board