

# MILIND KUMAR MISHRA

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[youtube/milindmishra](https://youtube/milindmishra) [cal.com/milind](https://cal.com/milind)

Frontend software engineer specializing in React, Next.js, and high-performance UI engineering. Skilled in building scalable, user-centric web applications with strong foundations in component architecture, design systems, performance optimization, and accessibility. Experienced in shipping AI-integrated SaaS platforms to large user bases. Active contributor to the React ecosystem and frequent speaker at community meetups.

## EXPERIENCE

### Product Engineer

*Foyer (Merlin AI & Thine)*

February 2025 — Present

Product engineering ownership across Merlin AI and Thine, spanning core platform maintenance, growth, payments, churn reduction, and revenue-imacting product initiatives, alongside high-performance frontend development.

- Took end-to-end ownership of Merlin AI's platform health, including maintenance, stability, and production issue resolution across critical user flows.
- Improved payments and subscription lifecycle improvements, optimizing billing reliability and reducing payment-related drop-offs.
- Shipped churn-reduction strategies across cancellation and downgrade flows, directly improving customer retention.
- Drove revenue-focused product updates by identifying high-impact user friction points and shipping meaningful feature improvements to retain and up-sell users.
- Shipped ChatGPT Imports UI, enabling 10,000+ users to migrate chat history seamlessly and accelerating product adoption.
- Built project-based chat history pages, improving navigation clarity and increasing session retention by 15%.
- Revamped the Model Selector, boosting model adoption by 80% and improving user satisfaction by 30%.
- Led real-time prompt and streaming UX enhancements, supporting smooth, responsive interactions for 2M+ users.
- Engineered animation-centric product experiences for Thine's web platform with a strong focus on visual storytelling and brand expression.
- Developing an interactive landing page featuring a video timeline to communicate product narrative and value.
- Implemented advanced split-text and motion-driven animations to elevate engagement across manifesto and marketing pages.

### Software Engineer

December 2024 — February 2025

*SARAL - The Influencer OS*

Built core features and internal tools improving efficiency and decision-making for influencer campaigns.

- Enhanced real-time campaign metric tracking, empowering managers with data to improve campaign ROI by up to 20%.
- Built a content submission system to streamline influencer-brand collaboration, reducing content approval times by 60%.
- Engineered a multi-select drag-and-drop feature for campaign management, increasing ops efficiency by 40% for large-scale campaigns.
- Delivered revamped dashboard—reduced onboarding and insight delivery time by 30%.

### Founding Product Engineer

June 2024 — December 2024

*Proof-of-Skill Protocol*

Architected and launched a decentralized skill validation protocol, revolutionizing unbiased, transparent candidate evaluation for tech hiring.

- Scaled cloud infra (EC2, NGINX, PM2, Next.js) to support 5000+ actions on the platform.
- Launched recruiter dashboard with skill heatmaps, driving smarter hiring for 20+ partners.
- Built proctored assessment workflow with real-time streaming, cutting time-to-interview by 50%.
- Designed and implemented a voting-based consensus algorithm to ensure fair and transparent skill validation across a network of 150+ validators.
- Led MVP development for validators, candidates, and recruiters.

### Independent Contractor

February 2024 — May 2024

*Freelance*

Delivered AI-powered products for hiring and skills validation as an independent engineer.

- Deployed scalable Next.js UIs with AI workflow integration.
- Engineered an AI-powered quiz system with Vercel AI SDK and OpenAI.
- Built recruiter analytics platform with advanced candidate search.

### Software Engineer

August 2023 — January 2024

*StartupHire*

Built marketing pages and platform features.

- Developed internal tools and handled DevOps solutions to streamline operational workflows.

- Engineered job seeker dashboard and application flow for enhanced user experience.
- Designed and built consumer-facing landing page to drive user acquisition.
- Collaborated with cross-functional team to build recruiting pipeline, reducing manual workload for hiring managers.
- Played key role in building the StartupHire founding team through candidate sourcing, interview coordination, and talent acquisition processes.

## Research Assistant

February 2023 — July 2023

National Yang Ming Chiao Tung University

Built and optimized indoor positioning system interfaces for a cutting-edge IoT research project.

- Enabled 3D real-time visualization of tracking data for production ready factories and research labs.
- Enhanced UWB positioning accuracy from 20cm to under 10cm—significantly improving research outcomes.
- Developed a frontend for an MQTT-powered indoor positioning platform to visualize real-time data from IoT devices.

## Software Engineer

July 2022 — January 2023

Locus Connect

Developed core 3D visualization and internal infra tools for proprietary IoT positioning solutions.

- Dockerized and maintained internal services, achieving 99.9% uptime and cutting deployment times by 80%.
- Created and maintained the marketing site for B2B outreach.
- Produced frontend for 3D positioning platform, supporting live deployments.

## UX Designer

May 2022 — June 2022

iNeuron.ai

Designed intuitive user experiences and managed design systems for ed-tech platforms.

- Crafted marketing collateral for two campaign launches, contributing to a 20% increase in lead generation.
- Managed a scalable design system, increasing developer velocity by 30%.
- Created user flows for hiring and onboarding.

## Technical Writer

January 2022 — April 2022

Plusklass

Authored and curated technical content for HTML/CSS/JS modules, driving learning impact for novices.

- Structured and reviewed curriculum, improving student course completion rates by 40%.
- Created beginner-friendly learning content adopted by 2,000+ new users.

## OPEN SOURCE CONTRIBUTIONS

### streamdown

vercel/streamdown

feat: add table markdown copy and csv/markdown download options #99

feat: add download functionality to code blocks #102

feat: add image download functionality with hover controls #103

### ai-elements

vercel/ai-elements

feat: add speech to text input to prompt area and update test and example apps #112

## PROJECTS

### Thine Landing

November 2025

[www.thine.com](http://www.thine.com)

Animated landing experience for Thine, a reflective AI companion.

- Delivered smooth transitions, scroll animations, and expressive motion design.
- Designed with Tailwind, Framer Motion, and custom animation systems.
- Optimized for fast load performance and emotional impact.

### Models Surf

September 2025

[models.surf](http://models.surf)

Interactive directory for exploring, filtering, and comparing AI models and their capabilities.

- Built lightweight searchable UI optimized with virtualization.
- Designed for discoverability and developer-first exploration.
- Open-source and built with clean modular architecture.

## Merlin Projects

August 2025

[www.getmerlin.in/chat/projects](http://www.getmerlin.in/chat/projects)

AI-powered personal knowledge base for collecting, organizing, and querying content with contextual understanding.

- Supports search and retrieval using LLMs and RAG patterns.
- Built for organizing web links, notes, and documents into a unified knowledge layer.
- Optimized around latency and streaming user workflows with React Query.
- Delivered frictionless knowledge exploration through a clean interface.

## TypeScript Playground

August 2025

[ts.milind.app](http://ts.milind.app)

Modern browser-based TS/JS playground with real-time execution and console output.

- Built using TypeScript Compiler API for accurate diagnostics and evaluation.
- Open-source tool used by learners and interviewers.
- Smooth execution sandbox with intuitive editor-console interactions.

## Rizzboard

August 2025

[rizzboard.milind.app](http://rizzboard.milind.app)

Fun meme soundboard where your most played sounds float to the top.

- Built with delightful animations using Framer Motion.
- Persistent state using Zustand for ranking and usage tracking.
- Lightweight, fast and mobile-responsive.

## Saral Admin Dashboard

January 2025

[milindmishra.com/project/saral-admin-dashboard](http://milindmishra.com/project/saral-admin-dashboard)

Revamped Saral's admin dashboard with improved design system and visibility of operational metrics.

- Reduced onboarding time and improved data discoverability for internal teams.
- Delivered clean, intuitive UI powered by TanStack Router and Framer Motion.
- Improved insights and data aggregation flow across modules.

## JSON Visualizer

October 2024

[jsonvisualiser.com](http://jsonvisualiser.com)

Interactive visualization tool for nested JSON data structures to aid debugging and comprehension.

- Supports large datasets with efficient tree traversal and grid views.
- Used by hundreds of developers for integration debugging and backend validation.
- Praised for clarity, performance, and usability compared to alternatives.
- Open-source and referenced within developer community discussions.

## AI Roadmap Generator

August 2024

[airoadmapgenerator.com](http://airoadmapgenerator.com)

Generates personalized learning paths leveraging LLMs and interactive visualizations.

- Built using Next.js, React, TypeScript, Canvas, and LLMs; used by thousands of engineers.
- Generated 250+ roadmaps and attracted over 5,600 unique visitors organically.
- Delivers real-time structured roadmap generation with intuitive navigation.
- Open-source with privacy-friendly sharing, topic clustering, and recommendations.
- Led full-stack architecture, visualization engine, and complete product UX.

## EDUCATION

### National Yang Ming Chiao Tung University

February 2023 — July 2023

*Short Term Research Program, Computer Software Engineering*

### Visvesvaraya Technological University

August 2018 — January 2022

*Bachelor of Engineering, Electronics and Communication*

## CERTIFICATES

**Animations on the Web**

animations.dev

**AI for React Developers**

LinkedIn Learning

**React: Design Patterns**

LinkedIn Learning

**React: State Management**

LinkedIn Learning

**React (Basic)**

HackerRank

## TALKS

**Mastering ViewTransition in React for Stunning UI Updates**

November 2025

*React Play Bengaluru Meetup*

View transition animation and animation devtooling talk.

**Building Real-Time Applications with Reactive Databases**

May 2025

*React Play x React Bangalore Meetup*

Real-time applications with React and Convex.

**AI for React Developers**

April 2025

*React Bangalore Meetup*

A deep-dive into Vercel's AI SDK.

## SKILLS

**Frontend Product Engineering**[React](#) [Next.js](#) [TypeScript](#) [Modern JavaScript](#) [UI Architecture](#) [Component Design](#) [State Management](#)[Performance Optimization](#) [Responsive Design](#) [Accessibility](#)**Product & UX**[User Experience \(UX\)](#) [UI/UX Design](#) [Figma](#) [Workflow Optimization](#) [Human-Centered Design](#) [Rapid Prototyping](#)[Usability Testing](#)**AI Product Integration**[OpenAI APIs](#) [AI-Driven UX](#) [Prompt Engineering](#) [Conversational Interfaces](#) [Real-time Applications](#)**Cloud & DevOps**[AWS Basics \(EC2, S3, CloudFront\)](#) [GCP](#) [CI/CD Pipelines](#) [Docker](#) [Deployment Automation](#)**Collaboration & Product Delivery**[Product Management](#) [Agile Delivery](#) [Team Collaboration](#) [Cross-functional Communication](#) [Documentation](#)[Stakeholder Alignment](#)

## REFERENCES

100% AGREE! Also, the way team has launched the project is commendable. This is by far the most successful project launch on Peerlist - Appreciation on AI Roadmap Generator launch!

— Akash Bhadange (CEO, Peerlist)