

# 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

*SARAL - The Influencer OS*

December 2024 — February 2025

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

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

### 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.

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

### Independent Contractor

February 2024 — May 2024

*Freelance*

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

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

### Software Engineer

August 2023 — January 2024

*StartupHire*

Built marketing pages and platform features.

- Collaborated with team to build recruiting pipeline, reducing manual work for hiring managers.

## **Research Assistant**

*National Yang Ming Chiao Tung University*

*February 2023 — July 2023*

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

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

## **Software Engineer**

*Locus Connect*

*July 2022 — January 2023*

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

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

## **UX Designer**

*iNeuron.ai*

*May 2022 — June 2022*

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

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

## **Technical Writer**

*Plusklass*

*January 2022 — April 2022*

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

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

## **OPEN SOURCE CONTRIBUTIONS**

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### **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**

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### **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

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

August 2025

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

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

August 2025

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

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

January 2025

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

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

October 2024

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

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

August 2024

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

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### National Yang Ming Chiao Tung University

*Short Term Research Program, Computer Software Engineering*

February 2023 — July 2023

### Visvesvaraya Technological University

*Bachelor of Engineering, Electronics and Communication*

August 2018 — January 2022

## CERTIFICATES

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### Next.js App Router Fundamentals

Vercel

### Animations on the Web

[animations.dev](https://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)

Source : [github.com/thatbeautifuldream/resume](https://github.com/thatbeautifuldream/resume)