

MILIND KUMAR MISHRA

milindmishra.work@gmail.com +919631333128 milindmishra.com linkedin/mishramilind github/thatbeautifuldream x/milindmishra_ youtube/milindmishra cal.com/milind

Full-stack software engineer specializing in React, Next.js, and scalable product engineering. Experienced in building AI-integrated SaaS platforms serving millions of users with solid foundations in system design, component architecture, and performance optimization. Contributor to open-source at Vercel and frequent speaker at React community meetups.

EXPERIENCE

Product Engineer February 2025 — Present

Merlin AI by Foyer

Driving product engineering initiatives for Merlin AI, focused on seamless AI integration and next-gen chat experiences.

- Shipped ChatGPT Imports UI, enabling 10,000+ users to migrate chat history smoothly.
- Launched project-based chat history pages, improving user navigation and increasing session retention by 15%.
- Revamped the Model Selector, boosting model adoption by 80% and improving user satisfaction scores by 30%.
- Led development of a prompt enhancement feature, improving real-time UX for 2M+ users by bridging backend streaming with a responsive frontend.

Software Engineer December 2024 — February 2025

SARAL - The Influencer OS

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 February 2023 — July 2023

National Yang Ming Chiao Tung University

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 July 2022 — January 2023

Locus Connect

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

May 2022 — June 2022

iNeuron.ai

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

January 2022 — April 2022

Plusklass

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

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

AI Roadmap Generator

Present

airoadmapgenerator.com

Web app generating personalized and visual learning roadmaps powered by Next.js, React, Canvas, and LLMs. Used by thousands of learners and engineers to break down any tech domain.

- Generated over 250 roadmaps and reached 5,600+ unique visitors within months of launch.
- Features real-time topic-to-roadmap generation with highly interactive visualizations, empowering rapid self-learning.
- Recognized as a successful project launch on Peerlist; highlighted for exceptional product execution.
- Includes privacy-friendly, shareable roadmaps and book recommendations, all built with scalable, privacy-first engineering.
- Led frontend, LLM integration, and roadmap visualization; orchestrated team-wide product improvements.

Sideprojects Directory

Present

sideprojects.directory

Platform surfacing and auto-profiling open-source side projects from GitHub, growing project visibility and developer collaboration.

- Indexed dozens of unique side projects, driving organic discovery and supporting project-based hiring.
- Enabled GitHub-based auto-profile import, reducing project onboarding to seconds.
- Facilitated connections between early-stage engineers, makers, and hiring managers.
- Improved open-source visibility, with multiple projects receiving new contributors through directory exposure.

JSON Visualizer

Present

jsonvisualiser.com

Interactive tool for tree/grid visualization of complex JSON, built for dev teams to debug and understand frontend/backend data structures.

- Adopted by hundreds of developers for production debugging and API integration.
- Supports large dataset rendering and deep tree navigation; praised for performance vs. other online tools.
- Open-source and extensible, referenced as a recommended resource in developer forums.
- Designed intuitive UI for both technical and non-technical users, reducing time to diagnose data issues.

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

Next.js App Router Fundamentals

Vercel

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

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"
— Akash Bhadange