

MILIND KUMAR MISHRA

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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