Milind Mishra

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EDUCATION

National Yang Ming Chiao Tung University — Hsinchu City, Taiwan
Short Term Research Program, Computer Software Engineering — *Feb. 2023 – July 2023*

Visvesvaraya Technological University — Karnataka, India
Bachelor of Engineering, Electronics and Communication — *Graduated: 2022*

EXPERIENCE

Software Engineer — SARAL - The Influencer OS
Dec. 2024 – Feb. 2024 — *Bengaluru, Karnataka, India*

- Shipped a revamped internal dashboard, improving access to key metrics for the customer support and growth teams, reducing trial user onboarding time and enhancing user tracking.
- Optimized influencer performance monitoring, enabling faster decision-making for campaign managers and reducing manual tracking efforts.
- Improved the relationship board with multi-select drag-and-drop functionality, reducing friction in managing influencers across different campaign stages.
- Developed UI for content submission system for influencers, streamlining content approvals for brands and accelerating campaign execution.

Founding Product Engineer — Proof-of-Skill Protocol
June 2024 – Dec. 2024 — *Bengaluru, Karnataka, India*

- Led the ideation and execution of the Minimum Viable Product (MVP), developing core workflows for Skill Validators, Candidates, and Recruiters.
- Designed and built the frontend for Skill Validators to approve candidate assessments, integrating a voting mechanism with a consensus algorithm to ensure fair validation.
- Developed the Candidate Flow, enabling real-time assessment recording, streaming to cloud storage, and implementing malpractice detection through proctoring software.
- Built the Recruiter Flow, generating a candidate heatmap based on validated skills, allowing recruiters to assess skill levels and make data-driven hiring decisions.
- Handled end-to-end deployment using EC2, NGINX, PM2, Next.js, ensuring scalability and high availability of the platform.

Independent Contractor — Freelance
Feb. 2024 – May 2024 — *Bengaluru, Karnataka, India*

- Developed platform enabling potential recruiters to search for contractors available for hire and get actionable insights on candidates.
- Built an AI-powered quiz system using Vercel AI SDK, OpenAI, and Fireworks AI to generate and evaluate assessments dynamically.
- Implemented the front-end using Next.js, ensuring a seamless user experience and integrating AI-driven functionalities.

Lead Software Engineer — StartupHire
Aug. 2023 – Jan. 2024 — *Irvine, California, United States*

- Led a team of two developers in building the initial prototype for a recruiting pipeline, streamlining candidate tracking.
- Integrated multiple job boards to centralize job applications and improve visibility for recruiters.

Research Assistant — National Yang Ming Chiao Tung University
Feb. 2023 – July 2023 — *Hsinchu City, Taiwan*

- Developed the frontend for an indoor positioning system, integrating MQTT brokers, IoT devices, and UWB technology for real-time location tracking.
- Implemented 3D visualization of real-time positioning data using React, GSAP, and Three.js.
- Optimized HDOP calculations, improving positioning accuracy from 20 cm to under 10 cm.

Software Engineer
July 2022 – Jan. 2023

Locus Connect

Bengaluru, Karnataka, India

- Developed and maintained the frontend for Locus Connect's 3D indoor positioning platform, enabling users to access indoor location services through a centralized interface.
- Built and maintained the company's marketing site, improving visibility and customer engagement.
- Managed in-house server infrastructure, including configuring switches, setting up server racks, and maintaining load balancers.
- Deployed and containerized services using Docker for both development and production environments, ensuring scalability and reliability.

UX Designer
May 2022 – June 2022

iNeuron.ai

Bengaluru, Karnataka, India

- Designed user flows for the hiring platform, improving candidate and recruiter experience.
- Managed and maintained the design system to ensure consistency across all products.
- Created marketing posters and visual assets for various campaigns to enhance brand outreach.

Technical Writer
Jan. 2022 – April 2022

Plusklass

Remote

- Authored technical courses on HTML, CSS, and JavaScript, catering to thousands of students.
- Created structured learning materials to simplify web development concepts for beginners.

PROJECTS

AI Roadmap Generator
airoadmapgenerator.com

- Developed a system to generate learning roadmaps.

Sideprojects Directory
sideprojects.directory

- Project to help developers showcase their side projects.

JSON Visualiser
jsonvisualiser.com

- Project to visualize JSON as tree and grid.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript
Frameworks: Next.js, Express.js, React and Ecosystem
Tools: Git, Docker, NGINX, Caddy, PM2, CI/CD
Skills: Project Management, DevOps, User Experience (UX)

CERTIFICATIONS

React: Design Patterns