Ankit Kr. Singh

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Professional Summary

Full-Stack Developer with expertise in React.js, Node.js, PHP, and SQL, currently working at Tech Mahindra. I specialize in building scalable web applications, developing robust APIs, managing databases, and implementing SSO for enhanced security. With a focus on solving complex challenges and automating processes.

Skills

- **Languages:** C++, Java, Python, JavaScript, PHP, Dart, Kotlin
- **Frontend:** TypeScript, React.js, Next.js, jQuery, AJAX, HTML5, CSS3, Bootstrap, Tailwind
- **Backend & APIs:** Node.js, Express.js, REST APIs, KeyCloak, MySQL, MongoDB
- **AI :** NLP, Gen AI, RAG, Hugging Face, LangChain, LLM Integration, FastAPI, Azure Foundry,
- **Cloud & Technologies:** Azure, Cloudinary, Git/Github, Docker, CI/CD, Jenkins, Redis, IQVIA OCE

Work Experience

Web Developer, Tech Mahindra – Hyderabad,IN May 2024 – Present

Project 1 - CRM Tool for Vendor Management | ReactJS, Tailwind, NodeJS, ExpressJS, SQL

- Built RESTful APIs for vendor and project management.
- Developed feedback and rating system.
- Optimized SQL queries with indexing and server-side pagination, reducing execution time by 60%.
- Implemented SQL triggers for audit logging and event scheduler for automated MSA renewals.
- Integrated Key SSO using OAuth2 and OpenID Connect with RBAC-secured APIs using KeyCloak.

Project 2 - OCE, Veeva Vault and iPad Automation Platform | jQuery, AJAX, PHP, Python, Huggingface, SQL

- Automated CLM slide generation, producing 100 production-ready slides in under 8 minutes.
- Built PHP-based microsite to capture structured feedback including image and audio inputs.
- Automated badge and certificate generation with integrated email delivery.
- Implemented secure backend pipelines for media storage, processing, and reporting.
- Developed AJAX-driven survey engine for dynamic form rendering, validation, and processing.
- Implemented email pixel tracking to monitor open rates and engagement metrics.

Achievements

- **Bravo Award - Tech Mahindra** ↗ June 2025

Certifications

- AZ-900 Azure - Microsoft Certified: Azure Fundamentals ↗
- MERN Stack - CipherSchools ↗
- Android Development - Internshala ↗

Education

Lovely Professional University, Punjab , Masters in Computer Application Sept 2022 – May 2024

- GPA: 8.7/10.0
- **Specialization:** Web Development