Mahendra Choudhary

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Skills

- JavaScript | TypeScript | Node | Express | React | Redux | jQuery | NoSQL | Git | C++ | C | CosmosDB | MongoDB | Mysql
- AWS | Cloud Computing | Docker | kubernetes | CI/CD | XUnit | Jest | Unit Testing | Lambda | OOP | Web Development, Kafka
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Hindi — *All professional proficiency or above*
- GCP | Heroku | Jira | Bitbucket | Github | Postman | Swagger(Open API Spec.) | Problem-solving | Communication

Experience

Lead Software Engineer(Full stack)	**Persistent Systems**	*Indore, MP, India*	**11/2021 - 12/2023**

- Led the design and development of multiple enterprise-level microservice applications, driving millions of revenue every year using the latest technologies of **NodeJS, Javascript, Express, MongoDB, docker**, **k8s, and Typescript.**.
- Designed and implemented scalable APIs and background workers for managing first- and third-party proprietary finance applications.
- Maintained several products deployed on kubernetes, from identifying system requirements and partner dependencies to workload balancing, software implementation, engineering, testing, and configuring metrics, alarms, monitors, and dashboards.
- Enriched system metrics by integrating the platforms with telemetry; facilitated in-depth logging by correlating APIs with vector contexts.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing

Software Engineer(MERN Stack)	**Techinfini**	*Indore, MP, India*	**03/2019 - 11/2021**

- Implemented enterprise applications for platform Shopify using **NodeJS, React**, AWS, redux, and jQuery and MySql.
- Designed and developed systems to manage Shopify stores and to grow sales.
- Automated and optimized business logic for the core ecommerce businesses.
- Successfully executed a complex deployment of a high-traffic, scalable web application on AWS, leveraging services such as EC2, RDS, and S3, which resulted in enhanced performance, reliability, and a 20% reduction in operational costs
- Engineering owner of the E2E experience of the commerce platform's cancel, return, and exchange systems (Web)

Trainee Software Engineer, Intern	**Ypsilon**	*Indore, MP, India*	**08/2018 - 02/2019**

- **BechDe.com:** Engineered a dynamic web application leveraging **HTML/CSS, JavaScript,** and **jQuery** to enhance front-end development and user experience.

Education

Bachelor of Computer Application	**Devi Ahilya University, Indore**	*Indore, MP, India*	**2015-2018**

- Major in Computer Science

Projects

- **Escrow Web Application(IDFC First Bank):** Engineered the Intermediate Layer (IL) for an escrow application designed to streamline secure financial transactions. Spearheaded the development of RESTful APIs to facilitate robust banking operations, ensuring a high level of data integrity and transactional security. Utilized a modern tech stack comprising JavaScript, Node.js, and relevant frameworks/libraries to create a scalable and maintainable codebase. Collaborated with cross-functional teams to integrate the IL within the bank's existing financial ecosystem, focusing on seamless user experiences. Employed MongoDB for efficient data storage and retrieval, optimizing the application's performance for high-volume banking operations. Technologies used: Javascript, NodeJS, Express JS, MongoDB, Datastack(low code platform)

- **Trade Credit(Chubb-UK):** Developed REST APIs from scratch for a platform offering protection against non-payment. Technologies used: Javascript, Typescript, NodeJS, Express JS, Lerna, MongoDB.

- **Aditya Birla Capital - Multiplatform notification generation:** Developed Node.js/express microservices to pull and modify data from remote API and push output to Omni data platform at specific intervals. Technologies used: Javascript, NodeJS, Express JS, Docker, Kubernetes.

- **T-Pop - Print on demand Web application:** Developed a print on demand application using Node.js, React, and JavaScript. Technologies used: Shopify, NodeJS, Express JS, MySQL, jQuery, HTML, CSS(Bootstrap), Stripe payment system.

- **Yes we vibe- Shopify store:** YesWeVibe is a Canadian-based online retailer known for its custom-designed apparel and accessories. product range includes a variety of footwear like sneakers, casual shoes, slip-ons, high tops, low tops, chunky sneakers, flip flops, and different types of boots (such as winter boots, neat vibe boots, polar vibe boots, comfy winter boots, outdoor vibe boots, and classic vibe boots). Technology used: Shopify Liquid, Jquery, Javascript, html, css

Courses & Certifications

- The complete JavaScript Course 2021: From zero to expert(Jonas Schmedtmann) The Complete JavaScript Course
- JavaScript Algorithms and Data Structures
- The Complete ReactJs Course - Basics to Advanced (2021)