

JASLEEN KAUR (Senior Software Engineer)

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EXPERIENCE

Senior Software Engineer, Eunix Tech - Mohali, Punjab

Nov 2023 – Present

- Architecting and delivering backend services with a focus on **Node.js**, where I implemented **microservices** and **Domain-Driven Design (DDD)**. Also developed **Laravel-based** applications using the **MVC pattern**, delivering secure **RESTful APIs** and reliable system performance through well-defined backend logic.
- Contributed to building systems for **Electronic Health Records (EHR)**, **financial applications**, **e-commerce platforms**, and **map-based services**, ensuring performance, security, and maintainability.
- Deployed cloud-native applications on **AWS**, utilizing **EC2**, **S3**, **IAM**, and **CloudWatch** for infrastructure management and monitoring.
- Built real-time features using **WebSocket** and **Socket.io**, including **video calling with Azure Communication Services** and instant messaging for healthcare and fintech use cases.
- Worked in **MongoDB** and **MySQL** databases, using indexing, aggregation, and ORM/ODM (Prisma, Mongoose, Sql2) tools for optimized data operations.

Senior Software Engineer, Friday Media Tech India Pvt. Ltd. (Bangalore, Karnataka) May 2023 – Oct 2023

- Developed modern, responsive frontends using **React.js** and **Next.js**, creating modular components and dynamic interfaces.
- Participated in architectural discussions, code reviews, and team collaboration to ensure adherence to best practices and clean code standards.
- Integrated **Redis** for **caching** and **message queuing**, pub/sub mechanisms, and session management to enhance scalability and responsiveness.
- Integrated third-party **mapping services** (e.g., Google Maps, Mapbox) for location-based features in logistics and service discovery.
- Worked on multi tenancy to use the same code base for 9 different sites.

Senior Software Engineer, Collationhub (P) Ltd. SAS Nagar Mohali, Punjab

Sep 2020 – Apr 2023

- Developed and maintained multiple **e-commerce platforms** using **Laravel**, implementing complex features like **cryptocurrency payment gateways**, **dynamic sitemaps**, and standard commerce flows (cart, wishlist, order management).
- Improved search performance using **MySQL views** and optimized complex queries to handle large product datasets efficiently.
- Implemented **multilingual support** using Laravel's **localization system**, enabling global user accessibility.
- Designed and implemented **advanced product filtering** logic for enhanced user experience on product listing pages.

Web Developer Aviox Technologies Pvt. Ltd. Mohali, Punjab

Oct 2019 – July 2020

- Developed plugin from scratch in core PHP which is being used by different CMS for website speed optimization.
- Built applications using **Core PHP**, **HTML**, **CSS**, **JavaScript**, **React.js**, and **TypeScript**, applying clean UI principles and basic state management.

Trainer Chandigarh University Mohali, Punjab

July 2015 – Oct 2019

- Delivered technical training to undergraduate engineering students in core subjects including **C Programming**, **Object-Oriented Programming with C++**, **Data Structures**, **Design and Analysis of Algorithms (DAA)**, and **Database Management Systems (DBMS)**.
- Trained over **1,000+ B.Tech (CSE)** students as an **individual contributor**, significantly enhancing their programming skills and placement readiness.

SKILLS

Frontend : React, Redux, Context API, Server Sent Events, Next.js

Backend : Node.js, Express.js, Typescript, Microservices, AWS, Docker, Kubernetes, Redis, Serverless, AWS lambda, AWS API Gateway, Websockets, RESTful APIs, PHP, Laravel

Database : PostgreSQL, MongoDB, Mysql

Cloud & Devops : AWS, Docker, Serverless, Jenkins CI/CD

Other Tools : Auth0, Git, Jira, Slack, Jenkins, REST, SOAP, OAUTH, JWT

EDUCATION

Master of Engineering, Computer Science

2013-2015

Kurukshetra University

Kurukshetra, Haryana

Bachelor of Engineering, Computer Science

2009-2013

Kurukshetra University

Kurukshetra, Haryana

PROJECTS

Aviation Job Search is one of the most popular job portals currently running in UK and USA.

- Developed key features in the Career Hub module, including forum content moderation tools and a job carousel that boosted daily user visits by 30%.
- Created article banners and an advanced forum moderation system, increasing active user participation by **150+ users** monthly.
- Built dynamic sitemaps for jobs, articles, and posts, improving site indexing.
- Independently designed and implemented a new Courses module from requirements gathering to deployment, integrating **Elasticsearch** to enhance search accuracy; recognized for timely delivery and code quality.
- Contributed to additional modules such as Candidate, Recruiter, and Admin Panel.

Granddiamonds.

- Enhanced user engagement on Granddiamonds, a diamond jewellery e-commerce platform, by implementing:
 - Meeting Scheduling to streamline client-business interactions.
 - Coupon Code integration to increase conversions and reward users.
 - Dynamic Size **Chart** for a personalized shopping experience.
- Developed a reusable **Laravel package** for Coingate cryptocurrency payment gateway integration across multiple projects.
- Implemented a dynamic sitemap generation command to improve **SEO** and search engine visibility.

Apollo US - (EMR)

- Developed RESTful APIs using Node.js, Express.js, and raw SQL queries with sql2, adhering to **Domain-Driven Design** principles to ensure modular and maintainable backend systems.
- Integrated **AWS S3** for secure document storage.
- Managed deployment using **AWS EC2** and Cloudflare for optimized performance and security.
- Built and maintained the patient portal backend using **PHP Laravel**, integrating WebSockets for real-time messaging and ensuring secure, efficient data handling.
- Collaborated with frontend teams using **React, TypeScript, TanStack React Query**, and Tailwind CSS to build efficient and maintainable interfaces.

PUBLICATIONS

Kaur, Jasleen, and Mr Ashok. "FCM Based Enhanced Approach for Object Extraction from Videos." *International Journal of Research* 3.01 (2016): 1060-1065.