Raman Shriwastav

Software Engineer 1

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TECHNICAL SKILLS

Programming Languages: Javascript | TypeScript | SQL | C++ | C#
Frontend Technologies: Vue.js | HTML | CSS
Backend Technologies: Node.js | Redis | Kafka| MongoDB |
Developer Tools: Git | Docker | Azure Devops | Postman | Unity
Data Structures and Algorithms | **Object Oriented Programming** | **Microservices** | **API development**

EXPERIENCE

Software Developement Engineer I <div align="right">Feb. 2023 – Present</div>
Jio Commerce platform - Fynd <div align="right">*Noida, India*</div>

- Developed and maintain **APIs** for Product search and catalog, and Custom user content used by Tira, and Jiomart
- Developed APIs for PLP (Product Listing Page) and trending queries, utilizing Algolia to power search and listing functionalities on Tira and JioMart platforms.
- Implemented a zone-wise pricing solution for JioMart, enabling zone-specific product pricing based on geographical data.
- Enhanced the performance of Algolia extension APIs by **70%**, replacing legacy implementations with efficient methods.
- Integrated **Google Retail Search** into **JioMart** and Fynd, enhancing product recommendations (e.g., similar items, recommended products) and enabling conversational search for JioMart.
- Worked on **real-time analytics** and search query optimizations, ensuring seamless and high-speed data retrieval across millions of products.
- Developed and managed crons for syncing user events (e.g., product searches, add-to-cart events) to Google Retail Search, facilitating advanced analytics and personalized user interactions.
- Spearheaded Redis migration to consolidate databases while maintaining seamless operations for extension sessions and autocomplete functionalities.
- Created the "Ready Player Me" extension, enabling personalized avatar integration in gaming platforms.

Fynd Academy <div align="right">Remote</div>
Game developer trainee <div align="right">*Aug 2022-Nov 2022*</div>

- Developed an Open World Survival Game(The Jungle Game).
- Revamped the Fruit Dart game by implementing refined mechanics and enhancing the user interface.which is most played game on Frolic app.
- Led development of "Astro Block Buster," designing core gameplay mechanics and integrating image-based automation for dynamic level generation. Collaborated with UI designers to deliver an intuitive and engaging player experience.

Web Developer Intern <div align="right">June 2022-July 2022</div>
Suvidha Foundation (Suvidha Mahila Mandal) <div align="right">*Remote, India*</div>

- Designed a website for volunteers to get a platform to interact with others and to get registered with organization.
- Implemented login, register, and sign-up functionalities by creating secure and efficient APIs using PHP and SQL.
- Developed APIs for creating and managing campaigns, enabling dynamic campaign creation and interaction features.
- Integrated a relational database to manage user and campaign data efficiently, enabling seamless storage, retrieval, and updates.

PROJECTS

Expense Tracker – AI-Powered Smart Budgeting App | *Node.js, React, MongoDB, Redis, DeepSeek AI, React Native (Upcoming)*

- Developed a full-stack Expense Tracker application that helps users track their spending efficiently, categorizing expenses and providing financial insights.
- Implemented Google Login for seamless authentication and enhanced security.
- Implemented secure authentication and role-based access control using JWT for enhanced data privacy.
- (Upcoming) SMS-based auto-transaction feature that reads bank messages (with user consent), automatically categorizing and storing expenses in the database.

EDUCATION

Feroze Gandhi Institute of engineering and Technology, Raebareli   CGPA : 8.07
Bachelor of Technology in Computer Science and Engineering   2023

Govt. Polytechnic premdhar patti Pratapgarh   Percentage:78.6
Diploma in Computer Science and Engineering   2020