Ayush Jaiswal

Delhi, India | Portfolio Website - ayushcodez.netlify.app

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Career Objective

I am a dedicated Software Development Engineer with significant experience in building scalable and high-performance backend systems. I played a key role in the development of a metaverse platform for **Star Sports - Starverse**, managing over 1.2 million concurrent users on launch day and 200,000 to 500,000 simultaneous users daily, and contributed to backend development for **Jack & Jones**, one of the leading fashion brands. Eager to leverage skills in a challenging role to drive innovation and contribute to impactful projects in a dynamic tech environment.

Experience

Ink In Caps Labs – Full-time   **Aug 2023 – Dec 2024**
Software Development Engineer (SDE)

- Played a key role in developing the backend of the metaverse platform for **Star Sports - Starverse**, managing over **1.2 million concurrent users** on launch day and **200,000 to 500,000 simultaneous users** daily, and contributed to backend development for **Jack & Jones.**
- Skilled in designing and implementing complex **RESTful APIs** for efficient data communication and hands-on experience with **RabbitMQ** and **FFmpeg** for media optimization along with other third-party API integrations.
- Capable of building and maintaining scalable, enterprise-grade applications using **Nest.js**.
- Highly skilled in designing and optimizing **MongoDB Complex Aggregation Pipeline Queries**.
- Experienced in developing and optimizing **Analytics modules** using **MongoDB Aggregations**, **Time-series data handling**, and **Scheduler integrations**.
- Skilled in delivering **accurate insights** to drive data-informed decision-making, enhance operational efficiency, and support strategic growth by identifying key trends and performance improvement areas for the organization.

Infotech Hub – Internship   **Mar 2023 – July 2023**
SDE Intern

- Build and maintain RESTful APIs to support frontend functionality, ensuring efficient and secure data transfer, and collaborate with the development team to design, develop, and implement robust and scalable backend solutions using **Node.js, Express.js, and MongoDB.**
- Implementation of API endpoints and development of middleware to handle requests and responses from external services.
- Implementation of **authentication and authorization** mechanisms to secure API endpoints and user data and manage permission for APIs among different users using **middleware functions**.
- **Unit Testing** the Code and Testing the API Functionalities using Postman.
- Conduct code reviews and provide constructive feedback to team members to maintain **Code Quality** and **Adherence to Best Practices**.

Indian Achievers Story – Internship   **Nov 2022 – Feb 2023**
Frontend Developer

- Developed the website for the company according to its business needs and objectives.
- Ensure HTML, CSS, and shared JavaScript are valid and consistent across different devices and cross-browser applications, Optimized Website Responsiveness.
- Lead the entire web application development right from the concept stage to delivery and deployment
- Convey effectively with all task progress, evaluations, suggestions, and schedules along with technical and process issues.

Technical Skills

Front-end Development - HTML, CSS, JavaScript, React JS   **Version-Control -** Git/GitHub.
Back-end Development - Node JS, Nest JS, Express JS, MongoDB.   **Languages -** JavaScript, Typescript
Cloud-Technologies - Docker, Jenkins, Amazon Web Services.   **Tools -** Postman, Figma.

Projects

- **Disney + Hotstar and Star-Sports – Starverse** (A metaverse platform that allows users to interact with each other, play quizzes, interactive games, and much more**)** - **Website link**
  Tech Stack - **NodeJS, ExpressJS, MongoDB, Milicast, Redis, AWS.**

- **Jack & Jones -** (An interactive website that was used to present Jack & Jones' Unmatched Apparel Series) - **Website_link**
  Tech Stack – **NodeJS, Express.JS, MongoDB, AWS.**

- **Knky –** (Knky is a UK-based adult social media platform) - **Website_link**
  Tech Stack - **NestJS, MongoDB, TypeScript, RabbitMQ, FFmpeg, Redis, AWS.**

- **Tea-Pro – (Project Management System** - As this is now serving as a template for other companies, the project link cannot be shared publicly)
  Tech Stack - **NodeJS, ExpressJS, MongoDB, ExcelJS, AWS**

- **IMDB React–app (Tech Stack** - **ReactJS, HTML, CSS, JS, TMDB API Integration)** - **Website_link**

Education

Shambhunath Group of Institutions   **Nov 2021 - May 2024**
Bachelor of Computer Application   Prayagraj, India