ARYAMAN SINGH

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PROFESSIONAL SUMMARY

Full-stack developer with 2+ years of experience in product-based companies, experienced in building web applications on both the frontend and backend. Proficient in JavaScript, frameworks, APIs, and databases, with a focus on performance and user experience. Ready to contribute to teams by delivering reliable and effective solutions.

EDUCATION

B.Tech(Information Technology), JSS Academy of Technical Education   August 2018 - June 2022
Graduated with an honors degree of 8.32 CGPA

SKILLS

Technical Skills	Java, JavaScript, SQL(Postgres, MS-SQL, MySQL), TypeScript, CSS, Regex, Next.js, HTML
Frameworks	React.js, Node.js, Flask, JUnit, Spring Boot, Bootstrap, Tailwind, Nest.js, Bootstrap
Others	Redis, Page Speed Insights, Design Patterns, Debugging, Akamai, Redux, Maven

EXPERIENCE

Software Developer   October 2022 - Present
India Today Group (Aajtak)   *Noida , IN*

- Redesigned the "**Aajtakcampus**" website, boosting page speed by 40%, user engagement, and **SEO** with server-side rendering, while integrating **Impression** and **reading time trackers** for accurate engagement measurement.
- Refined a high-performance CMS for Aajtak Campus using **Node.js** and Nest.js, optimizing backend processes and enhancing data retrieval speed by 60% from **MongoDB** and **MySQL**, ensuring seamless operations and **scalability**.
- Led third-party API integration for "**Harper's Bazaar**" providing a personalized user experience. Implemented SSO, improved search logic, and optimized site speed using Redis and Akamai, boosting performance and user satisfaction.
- Managed a web application for **India Today** using Tauri, Next.js, TypeScript, and SCSS, achieving an impressive 30% enhancement in live broadcast video streaming capabilities.
- Set up a Next.js project for **Hello Magazine India**, implemented page routing, created **AMP** pages, and improved performance using **web helpers**.

Intern (Software Developer)   January 2022 - September 2022
Newgen Software   *Noida, IN*

- Utilized Spring Framework with Java JDBC and SQL to optimize data retrieval and manipulation across 200+ complex database tables, **achieving a 30% boost in data processing efficiency.**
- Managed modular, reusable code components using object-oriented principles, **reducing code duplication by 25%** and improving maintainability.

PROJECTS

Travel Torque: Developed a responsive travel booking platform with secure **JWT authentication**, streamlined SEO using Next.js, Typescript and schema markup, and led a scalable backend with Node.js, MongoDB and Express for efficient RESTful APIs. (Try it here)

Lingua Franca: Built a responsive club portfolio and event registration platform using React, Tailwind CSS, and Node.js, ensuring **cross-browser compatibility**, enhanced performance with **Webpack Analyzer**, and seamless student registration.(Try it here)

Quiz Microservice: Engineered a scalable Spring Boot microservice integrated with MySQL, implementing MapStruct for streamlined data mapping and **optimizing JPA queries** to enhance performance metrics, achieving response times under **200ms** for user queries.(Try it here)

ACHIEVEMENTS

- Achieved distinction as **best performer** in a competitive environment by delivering highly efficient code.
- Secured second place in the 2022 Hackathon, demonstrating exceptional **problem-solving** and technical skills.