

Yash Aggarwal, Software Developer

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Work Experience

Software Engineer, Infosys

September 2023 – Present | Remote, US

- Achieved an 80% increase in site speed and performance by migrating the legacy site to Angular 15, leading to enhanced user satisfaction and operational efficiency.
- Deployed microservices architecture using Java and Spring Boot, resulting in a 30% improvement in system efficiency and a 20% reduction in server costs.
- Led the design and implementation of new features, APIs, and Proof of Concepts, resulting in a 30% increase in user engagement and a more competitive product offering.
- Implemented CI/CD pipelines with Jenkins, resulting in 30% faster build and deployment times, accelerating development and reducing time to market.

Software Development Engineer, Compro Technologies

July 2019 - July 2022 | Delhi, India

- Led the successful coordination and delivery of crucial components within timelines in a remote agile environment, accommodating over 80k concurrent global users, improving app scalability and efficiency.
- Delivered audio/video players, customized PDF viewer, annotations, note-making and masking features to boost user engagement by 30%, resulting in positive feedback from 95% of users.
- Tailored training plans for new team members, leading to a 50% improvement in overall team performance and successful alignment with company goals.

Summer Intern, HCL Technologies

June 2018 - July 2018 | Delhi, India

- Increased application speed and efficiency by 20% through optimization of SQL database queries and performance, resulting in enhanced user experience and productivity.
- Upgraded database security by implementing user access controls and encryption, resulting in a 30% decrease in unauthorized access attempts and ensuring data integrity.
- Achieved a 20% reduction in database query response time by implementing indexing and performance tuning strategies, resulting in improved system performance and productivity.

Projects

[FinTracker](#) - Next | Hono | Clerk | PostgreSQL | Tailwind | Drizzle | Zustand

February 2023 - May 2024

- Developed a Budget Tracker and Financial Manager App to help manage users' personal finances. The app allows users to track expenses and generate reports.

[DiscordClone](#) - Next | Clerk | MySQL | Tailwind | Prisma | Zustand

November 2023 - April 2024

- Engineered a Discord-style app with user authentication, messaging, servers and channels and audio/video calls with more than 200 concurrent users.

[SpotifyClone](#) - Next | NextAuth | PostgreSQL | Tailwind | Prisma | Zustand

January 2024 - March 2024

- Devised and implemented a feature-rich web platform emulating Spotify's core functions, such as seamless music streaming, personalized playlist formation, and song uploading and downloading.

Education

Master's of Science in Computer Science

September 2022 - December 2023

- University Of California, Riverside | Riverside, California, USA

Bachelor of Technology in Information Technology

August 2015 - July 2019

- Maharaja Agrasen Institute of Technology | New Delhi, Delhi, India

Skills

- **Web Technologies & Framework:** Angular 2+, CSS, ElectronJs, ExpressJs, HTML, Javascript, NodeJs, NextJs, Prisma ORM, ReactJs, SCSS, Typescript, Websockets, Docker, Electron
- **Tools:** AWS, Azure, GCP, Git, GitHub, Jenkins, JIRA, Jupyter, Render, Travis CI, Vercel, Visual Studio Code
- **Databases and Providers:** CouchDB, MongoDB, MySQL, NOSQL, PostgreSQL, RxDB, SQL, GraphQL
- **ML Frameworks and libraries:** Python, Huggingface, Keras, Matplotlib, NLP, NumPy, Pandas, Pytorch, Sci-kit learn, Seaborn, TensorFlow, Computer Vision, Data Modelling