

Shivam Singh

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Full Stack Developer

Proactive Full-Stack Developer with 4 years of experience in fast-paced, large-scale environments. Skilled in Node.js, Express.js, React.js, and Next.js, I excel at optimizing workflows, meeting tight deadlines, and enhancing development processes. With solid problem-solving abilities and cross-functional collaboration, I am eager to contribute as a Software Development Engineer in a dynamic tech landscape.

WORK EXPERIENCE

Appinventiv • 08/2019 – 04/2023

Software Developer • Full-time

- Engaged with clients from Europe, USA, and Australia, understanding their business needs and providing tailored solutions to meet their specific requirements and objectives to help their business grow.
- Followed Agile methodology by actively participating in scrum meetings and utilizing JIRA board to track progress and manage project milestones effectively.
- Developed scalable and robust web services using Node.js, Express, and TypeScript. Ensured type safety, improved maintainability, and optimized the system for efficiently handling high-traffic requests in a production environment.

PROJECTS

The Body Shop • 11/2022 – 04/2023

Appinventiv

- Led a team of 5 frontend developers in successfully migrating a large-scale application from React.js to Next.js, resulting in a 50% reduction in initial load time and significantly enhancing SEO performance.
- Reviewed and helped improve the overall code quality of the application by following the design patterns and reusing components where needed.
- Provided technical support and guidance to the team in migrating some of the complex components of cart and checkout pages.
- Developed metadata and sitemaps for landing and product detail pages, optimizing the application for improved SEO and search engine visibility.

AMMA • 03/2022 – 11/2022

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- Created a POC to identify feasibility, complexity, and time estimation to build the whole application.

- Utilized React.js with Material-UI for UI components and React-Redux for efficient state management, delivering a seamless and responsive user experience.
- Leveraged the Remotion library to create custom editable animated video templates and integrated an editing panel with real-time editing features.
- Implemented a subscription-based concept for membership plans, enhancing user engagement and providing additional value through a membership model.

Bar-Exam-Course • 06/2021 - 01/2022

Appinventiv

- Applied Test-Driven Development (TDD) methodology to build APIs for viewing, creating, updating, and deleting courses on the admin panel, ensuring robust functionality and high code quality using Node.js and Express.js.
- Implemented social signup using Passport.js with OAuth2 for Google and Facebook, developing middleware and success/failure APIs to handle authentication flows seamlessly
- Developed APIs for handling MCQ and theory-based question attempts, along with a feedback API that allows users to compare their answers for review and learning purposes.
- Utilized Sequelize ORM for interacting with MySQL database, simplifying data management with an efficient and structured approach to querying, updating, and maintaining relational data.

XCoin • 08/2020 - 12/2020

Appinventiv

- Build an API for a 2-factor authentication system using speakeasy after users log in to enhance an application's overall security.
- Created CRUD APIs using Node and Express.js for users and the transaction's module of admin-panel, and added pagination with limit and search.
- Developed an API to enable users to upload documents, implementing compression using "pdf-lib" for PDFs and "sharp" for images, securely storing them in AWS S3, while enforcing file size and type validations to ensure data integrity and security.

SKILLS

AWS API Gateway, AWS Lambda, AWS S3, AWS SQS, Docker

Frontend: Agile Methodology, CSS, HTML5, Javascript, Next.js, React.js, Redux.js, REST Api, Webpack

Backend: Express.js, Microservices, MySQL, Node.js, OAuth2, PostgreSQL, Prisma ORM, Redis, SequelizeORM, Sharp, tRPC, Typescript

Version Control: Github, Github-Actions, Gitlab

EDUCATION

Post Graduation Web Development

Conestoga College • BRANTFORD, ONTARIO, CANADA • 05/2023 – 08/2024

Bachelor Of Technology In Computer Science

Dr Apj Abdul Kalam Technical University • India • 08/2016 – 09/2020