Anish Singh

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TECHNICAL SKILLS:
- **Programming Languages:** Java, JavaScript, TypeScript, Python.
- **Web development:** NextJS, ReactJS, Angular, HTML, CSS, SCSS, Tailwind, Material UI.
- **Databases:** MySQL, MongoDB, PostgreSQL, GraphQL.
- **Other technologies:** NodeJS, Express, Salesforce, AWS, MongoDB, SQL, PostgreSQL, Redux, Zustand, Figma, Git, Jenkins, Mocha, Chai, Jest, JIRA.

PROFESSIONAL EXPERIENCE:

Senior Software Engineer, Publicis Sapient Canada   Jan 2023 – Present
- Developed complex server-side logic to set custom rules on different promotions such as product, order, and shipping level in NodeJS, enabling the product owners to set custom logic for sales campaigns.
- Created responsive, user-friendly interfaces in NextJS/ReactJS to revamp a website using Tailwind and Material UI increasing site traffic by 30%. Handled numerous states using Zustand/Redux.
- Designed and developed the authentication flow of an application in Java using JWT (access and refresh tokens) allowing users to stay logged in and protected against XSS attacks.
- Mentored junior developers on code quality, best practices and how to think of edge cases.
- Documented features in Confluence for current/future teammates to understand it better.
- Collaborated with product managers on a regular basis to discuss new features and make the product better for the end user.
- Implemented a Google Analytics solution to track user engagement with the product and pitched new requirements based on the data.

Software Engineer 2, Publicis Sapient Canada   May 2021 – Dec 2022
- Integrated payment providers on checkout such as Klarna, PayPal etc., ensuring safe and reliable payments for the consumers.
- Enhanced the search catalog feature by replacing the in-house search engine with an AI search engine integration called "Constructor". Trained the model by sending feeds on S3 server, increasing search speed by 25%.
- Developed a real time jewelry engraving feature which displayed the product with customizations in JavaScript, enabling consumers to picture the final product.
- Redesigned checkout section using JavaScript and jQuery to make it a single page and ensure a seamless experience, increasing customer conversion by 15%.
- Deployed mission critical RESTful APIs using Express library in NodeJS.
- Analyzed site/page load performance and increased it by 20 % in most cases using ReactJS best practices.
- Spearheaded the development of multiple applications from requirements gathering to designing, development, testing, and deployment.
- Regular standups, sprints, retrospectives, and story point estimation using the Fibonacci method.

Software Engineer 1, Publicis Sapient India   Jul 2018 – Nov 2019
- Addressed regular production bugs and improvements in existing React components and Java services using JIRA to prioritize requirements and utilizing CI/CD pipelines to build.
- Worked with a team of developers and testers of varying expertise. Engaged in "Knowledge Transfer" sessions to share and learn about different technologies/features.
- Built an extensive ecommerce application using Spring Boot and Angular with fellow fresh graduates. Presented it to the leadership and was highly praised.

PROJECTS:
Portfolio: www.anishwebdev.com
- Single page portfolio built in ReactJS hosted on Netlify. Showcases my work experience, skills and ongoing projects.
- Ability to contact me using the Email feature, implemented using EmailJS library.

EDUCATION:

Master of Engineering, Computer Engineering   2020 - 2021
University of Guelph, ON, Canada.

Bachelor of Engineering, Computer Engineering   2014 - 2018
Thapar University, India.