ASHISH BHAT

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WORK EXPERIENCE

Staples Inc., Framingham | *Rotational Software Engineer*

Search Engine Optimization **August 2024 - Present**

- Integrated on-page SEO content on the webpages of multiple eCommerce domain teams using React.js, Redux.js, Node.js and SCSS, resulting in improved visibility and increased organic traffic.
- Ensured the effective organization and publication of on-page SEO content to the relevant eCommerce domain teams via the Content Management System.
- Played a key role in the professional development of two interns, providing mentorship, technical guidance, and active participation in code reviews, empowering them to contribute effectively to team projects.

Landing Pages Domain **February 2024 - July 2024**

- Maintained and enhanced the product detail pages on the Staples' eCommerce website using React.js, Redux.js, Node.js and SCSS, by implementing features as per business requirements, with a focus on user experience and responsive web design.
- Collaborated with Search and Analytics teams to integrate features like analytics tagging on product detail pages for data enablement, and optimized application performance by identifying and resolving data flow inefficiencies on the server side, leading to reduced latency and faster data retrieval.
- Spearheaded the onboarding of a new product content syndication provider, successfully integrating their content into product detail pages to enhance user experience and drive engagement.

Search Engine Optimization **June 2023 - January 2024**

- Migrated backend APIs from Node.js to Java for Staples' SEO application in accordance with business requirements, and implemented comprehensive testing strategies, including unit, integration, and end-to-end testing.
- Collaborated closely with database administrators to develop robust indexing strategies, and demonstrated strong debugging skills to reduce Couchbase queries' response times and improve data retrieval efficiency.
- Integrated Azure services, such as Azure Storage (uploading, downloading, and deleting files) into the SEO application, and developed and maintained comprehensive documentation to provide insights into the integrated features.

Staples Inc., Framingham | *Software Engineer Intern* **February 2023 – May 2023**

- Developed an internal pointing poker application using Next.js, React.js, Pusher and Couchbase, resulting in improved efficiency in the scrum estimation process, eliminating the need for a third-party application, and leading to significant cost savings, enhanced security as well as data privacy for organization data.

Staples Inc., Framingham | *Software Engineer Intern* **June 2022 – August 2022**

- Redesigned the store filter component for the Staples website by adding the functionality for users to select multiple stores within a desired radius, using React.js, Redux.js, Node.js, SCSS, and developed RESTful web services (APIs) for the component using Java and Spring Framework, leading to an improved bounce rate.

EDUCATION

Virginia Tech: Blacksburg, Virginia. May 2023
Master of Engineering in Computer Science & Applications **CGPA: 3.93/4.00**

Thadomal Shahani Engineering College (University of Mumbai): Mumbai, India. June 2021
Bachelor of Engineering in Computer Engineering **CGPA: 8.69/10.00**

TECHNICAL SKILLS

- **Web Design:** RESTful Web Services (APIs), Spring Boot, JavaScript, Bootstrap, React.js, Node.js, Next.js, Redux.js, Flask, jQuery, XML, PHP, CSS, HTML, HTTP, DOM, AJAX, D3.js, JSON, Sass.
- **Database Management:** MySQL, MongoDB (NoSQL), N1QL, Couchbase.
- **Programming Languages:** Java, Python, C, R.
- **Others:** Git, Heroku, Tableau, Maven, Postman, Jira, Linux, Windows, Bitbucket, Jenkins, Confluence, Scaled Agile Framework, Pusher, Swagger, Splunk, Microsoft Azure, Apache Kafka, JUnit, Mockito, SonarQube, CI/CD.

PUBLICATIONS

Bathija Pranav, Chawla Harsh, **Bhat Ashish**, Deshpande Arti (2022) Image Captioning Using Ensemble Model. In: Tuba M., Akashe S., Joshi A. (eds) *ICT Systems and Sustainability*. Lecture Notes in Networks and Systems, vol 321. Springer, Singapore. https://doi.org/10.1007/978-981-16-5987-4_35