

ASHISH BHAT

Framingham, MA 01702 | +1 (540) 824-8780

ashishbhat@vt.edu | [linkedin.com/in/ashish-bhat1](https://www.linkedin.com/in/ashish-bhat1) | <https://github.com/ashishbhat1> | <https://ashishbhat1.github.io>

EDUCATION

Virginia Tech: Blacksburg, Virginia.

May 2023

Master of Engineering in Computer Science & Applications

CGPA: 3.93/4.00

Relevant Coursework: Intermediate Data Structures and Algorithm Analysis, Usability Engineering, Data Analytics, Information Visualization, Software Engineering, Machine Learning with Big Data, Introduction to Urban Computing.

Thadomal Shahani Engineering College (University of Mumbai): Mumbai, India.

June 2021

Bachelor of Engineering in Computer Engineering

CGPA: 8.69/10.00

Relevant Coursework: Mobile Application Development, Web Design, Operating System, Distributed Computing, Cloud Computing, Human Machine Interaction, Advanced Algorithms, Computer Networks, Database Management Systems, Object Oriented Programming, Theory of Computer Science, Artificial Intelligence & Soft Computing.

WORK EXPERIENCE

Staples Inc., Framingham | Rotational Software Engineer

Landing Pages Domain

February 2024 - Present

- Maintained and enhanced the product detail pages on the Staples' eCommerce website using React.js, Redux.js, Node.js and Sass, 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 important features like analytics tagging on product detail pages for data enablement.
- Optimized application performance by debugging data flow problems on the server (backend) side, which resulted in reduced latency and faster data retrieval.

Search Engine Optimization

June 2023 - January 2024

- Migrated backend APIs from Node.js to Java in accordance with business requirements, optimizing code for improved efficiency, and performance, and implemented comprehensive testing strategies, including unit, integration, and end-to-end testing, to ensure compatibility.
- Collaborated closely with database administrators and stakeholders 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) and Azure Virtual Machine, into the application, and developed and maintained comprehensive documentation to provide insights into the integrated features.
- 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.

Staples Inc., Framingham | Software Engineer Intern

February 2023 – May 2023

- Developed an internal pointing poker application using Next.js, React.js, Pusher and Couchbase, which was adopted by all teams within the division, resulting in improved efficiency in the scrum estimation process.
- Eliminated the need for a third-party application, leading to significant cost savings as well as enhanced security and 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, and Node.js.
- Developed RESTful web services (API) for the redesigned store filter component using Java and Spring Boot, and used Jenkins for continuous deployment.

TECHNICAL SKILLS

- **Web Design:** RESTful Web Services (API), 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