

EDUCATION

- **Master of Science in Computer Science** – University of Massachusetts Lowell, USA *September 2021 to May 2023*
Coursework: Internet Web Systems, Computer Graphics, Algorithms, Machine Learning, Data Mining, Database, Data Science, Internet of Things, IoT Security and Safety, and Malware Analysis.
- **Bachelor of Technology in Computer Science Engineering** - Bennett University, India *August 2017 to May 2021*
Coursework: Deep Learning, Big Data Analytics and Business Intelligence, Design and Analysis of Algorithms, Computer Networks, Information Retrieval, Database Management Systems, Data Structures, Design Patterns, Computational Thinking with Python, Object-Oriented Programming with Java, Artificial Intelligence, and Machine Learning, Mathematics.

Experience

Software Developer, Absolin Software Solutions LLP, Vizag, India *June 2020 to August 2021*

- Involved in the process of Full Stack Software Java Web Development Scrum model incorporating business requirements and using agile methodologies to figure out technical solutions for better implementation.
- Developed professional single-page web applications and implemented dynamic graphic user interfaces using HTML, CSS, & and React JavaScript based on product knowledge.
- Developed RESTful API endpoints using Java Spring for different Projects to provide enhanced client interface.
- Database Engineering by designing the database schema and writing SQL queries in the server-side controllers.

Software Engineer, Apalya Technologies, Hyderabad, India *May 2019 to December 2019*

- Completed a hands-on internship focused on developing mobile applications using React Native and Android Studio.
- Designed the header component of the whole application using Android Studio XML markup Language and made changes to the Style and other icons on the header such as the hamburger menu icon, meatball menu icon, etc.
- Developed the horizontal menu toolbar in the screens to make changes in the style.

SKILL SET

Programming Languages	:	C, C++, Java, Python, JavaScript, typescript, Kotlin
Tools/Technologies	:	HTML5, CSS3, Spring, Django, jQuery, React, Angular, Node.js, React Native, Oracle, MySQL, NoSQL, MongoDB, Apache Spark, Hadoop, Hive, Android Studio, Bootstrap, Git, GitHub, Bitbucket, Jira, Confluence, YAML, XML, JSON, Linux, Unix, ci/cd, docker
Problem-Solving Skills	:	Critical Thinking, Strategic Analysis, collaboration, Decision-making, Innovative, Reliability.

ACADEMIC PROJECTS

- **UML Thrifty**
 - Developed and launched a one-stop UML website for students to advertise and purchase used products secondhand.
 - Implemented a two-step verification process using University Email to ensure exclusive access for UMass Lowell students.
 - Utilized React JavaScript, Firebase, HTML, and CSS to create a user-friendly and interactive platform in Webpack.
 - Enabled users to upload their products for sale and browse products for purchase.
- **To the Point- Text Summarization**
 - Developed an extractive-based text summarization application called "To the Point." With an accuracy of 89%.
 - Implemented a user interactive page with forms to summarize text provided by the user or through a link.
 - Utilized Python, React JavaScript, HTML, and CSS to build the application.
 - Created a summarization technique that can condense 1000 words length of text into short and concise summaries.
- **GDP Prediction using News Articles**
 - Contributed to a project aimed at predicting the future GDP values of a nation, achieving an accuracy rate of 85% by analyzing the previous year's data and incorporating contextual information from news articles.
 - Utilized Anaconda and Python libraries such as Beautiful Soup, Pandas, NumPy, sci-kit-learn, and NLTK to perform data extraction, preprocessing, and predictive modeling.
 - Extracted relevant data from a dataset of 10,000 news articles and combined it with sector-specific and overall GDP values.
 - Developed multiple predictive models, including linear regression and random forest, to forecast future GDP values based on the gathered information.

ACHIEVEMENTS

- Elected as The Secretary of the Indian Student Association at the University of Massachusetts, USA for a period of one year.
- Worked as The President of Verve Dance Group at Bennett University, India for a period of one year.
- Worked as The Class Representative for the computer science batch from January 2018 to May 2021 at Bennett University, India.