

## AEлина DAS

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### TECHNICAL SKILLS

<b>Programming Languages:</b>	Java, Python,
<b>Databases:</b>	Oracle, Microsoft SQL server
<b>Web Technologies:</b>	Spring Framework, Hibernate, HTML, CSS, JavaScript, JSON, AJAX
<b>Cloud Computing Platform:</b>	Amazon Web Services (AWS)
<b>Source Version Control:</b>	Git, TFS
<b>Operating Systems:</b>	macOS, Windows, Linux

### EDUCATION

<b>Northeastern University</b> <b>Master's in Information Systems</b>	<i>Expected December 2021</i>
<b>Biju Patnaik University of Technology</b> <b>Bachelor's in Electronics and Communication</b>	<i>September 2011 - June 2015</i>

### PROFESSIONAL EXPERIENCE

<b>Scotiabank - New York, United States</b> <b>Software Developer Co-op</b>	<i>January 2021 – August 2021</i>
<ul style="list-style-type: none"><li>Designed and developed a complex automation process to add data values into Syncova, risk and margin application, leveraging Python libraries and automation framework that saved 20 hours/month</li><li>Developed a breach reporting solution that monitored exposure on a daily basis by extracting clients' transaction data, calculating breach percentage and reporting the same to the executives via email</li><li>Reduced testing efforts by 50% by automating regression testing of stored procedures using Robot Framework</li></ul>	
<b>Cognizant Technology Solutions - Bangalore, India</b> <b>Programmer Analyst</b>	<i>May 2016 - July 2019</i>
<ul style="list-style-type: none"><li>Worked in an Agile environment and actively participated in scrum calls with clients and architects in an open discussion towards architecture, design and development of web applications</li><li>Developed a workflow to monitor a directory to remove duplicate files automatically thus saving 30 hours/month</li><li>Integrated Google Analytics with Adobe Experience Manager (AEM) to monitor website traffic and user activity of a multi-regional website that significantly increased site monitoring capability by 80%</li><li>Designed, developed and unit tested highly customizable generic components by leveraging REST APIs and Sling Framework that was used in over 10 projects by multiple teams across the technology competency</li><li>Upgraded 25 components that were initially designed in a legacy version of AEM to make them compatible with 6.3 version by rewriting the code in Sightly and unit testing</li><li>Leveraged REST API to fetch keyword specific company news from an external site and displayed top 50 results</li></ul>	

### ACADEMIC PROJECTS

<b>Online Book Store (AWS, Spring, CI/CD pipeline, AWS Lambda, S3, RDS, SES)</b>	<i>May 2020 - August 2020</i>
<ul style="list-style-type: none"><li>Developed Bookstore web application by leveraging Spring and Hibernate framework hosted it on AWS platform</li><li>Leveraged CI/CD pipelines to build code, run tests and safely deploy latest version of the application across multiple servers using AWS CodeDeploy, Elastic Load Balancer and CircleCI</li><li>Built and managed Infrastructure as Code (IaC) by leveraging Terraform and created Amazon Machine Image (AMI) using Packers for Development and Production environments</li><li>Incorporated microservice architecture by leveraging AWS Lambda along with Simple Email Service (SES) to trigger emails to registered users with a reset password link</li></ul>	
<b>E-Commerce Web Application (Java, Spring MVC, Hibernate, MySQL)</b>	<i>March 2020 - April 2020</i>
<ul style="list-style-type: none"><li>Incorporated an e-commerce website that allows multiple retailers to manage their products and customers to sign up and place orders of multiple items displayed on the site</li><li>Leveraged Email API to trigger an order confirmation mail to customers upon placing order</li><li>Hashed users' password using BCrypt and generated downloadable PDF views for order invoice</li></ul>	
<b>Credit Risk Modelling (Python)</b>	<i>March 2020 - April 2020</i>
<ul style="list-style-type: none"><li>Collaborated with a team of three to build a credit risk model to calculate Expected Loss of a bank for loans lent</li><li>Combined linear regression and logistic regression models to calculate Loss Given Default for each loan</li></ul>	
<b>Community Service Desktop Application (Java, Java Swing, DB4O)</b>	<i>November 2019 - December 2019</i>
<ul style="list-style-type: none"><li>Architected a multi-party Java Swing application that allowed community service and hospitals to work together to serve large underprivileged populace in most effective way</li><li>Leveraged work queues and work request to allow organizations within the ecosystem to effectively communicate</li><li>Implemented JFreeChart to generate bar charts to display number of meals served on each day, to draw insights about the economic status of the community</li></ul>	