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SOFTWARE DEVELOPER		
Versatile full-stack software developer with experience in Ruby on Rails and JavaScript (React/Redux) based programming with a background in data analysis. I found my passion for coding during graduate school while taking data mining classes and building predictive models using various statistical tools. With my four years of experience as a data analyst and research assistant, I developed an analytical and problem-solving mindset that translates beautifully to writing efficient and readable code.		
TECHNICAL SKILLS		
<b>Proficient:</b> Ruby on Rails, JavaScript, ReactJS, Redux, PostgreSQL, SQLite, JSON, STATA, R, SAS <b>Exposure:</b> Python, Heroku, Google Cloud, AWS, HTML5, CSS, Git, Test (RSpec, Mocha), Bootstrap, Sinatra		
TECHNICAL PROJECTS		
<b>FinAdvisor</b> – <a href="#">GitHub</a> <a href="#">Front-end</a> / <a href="#">Back-end</a>   <a href="#">Demo</a>   <a href="#">Live</a> <i>A Single Page Application (SPA) that lets users track their expenses.</i> Technologies: <b>ReactJS, Rails, Material-UI, JWT Web token</b> <ul style="list-style-type: none"> <li>Utilized Material-UI framework to build the front-end.</li> <li>Implemented user authentication using JWT web token.</li> <li>Integrated Redux store to store, update and persist data throughout the application.</li> <li>Used react-router to implement proper RESTful routing.</li> <li>Utilized Redux thunk middleware to handle asynchronous web requests.</li> </ul>		
<b>iGram</b> - <a href="#">GitHub</a>   <a href="#">Demo</a>   <a href="#">Live</a> <i>An Instagram clone with post, comment, like and follow features.</i> Technologies: <b>Rails, jQuery, Bootstrap</b> <ul style="list-style-type: none"> <li>Utilized Devise gem for user authentication and authorization.</li> <li>Implemented Facebook login feature with Omniauth-Facebook rails gem.</li> <li>Applied RESTful design principles for CRUD functionality with nested routes.</li> <li>Utilized Rails' active record validation to preserve data persistency.</li> </ul>		
<b>Yap</b> – <a href="#">GitHub</a> <a href="#">Front-end</a> / <a href="#">Back-end</a>   <a href="#">Demo</a>   <a href="#">Live</a> <i>A Single Page Application (SPA) that lets users view, create and read reviews about different restaurants.</i> Technologies: <b>Rails, Vanilla JS, Bootstrap</b> <ul style="list-style-type: none"> <li>Developed a Rails API with endpoints for users, restaurants, reviews.</li> <li>Built the front-end activity and user experience with pure JavaScript.</li> <li>Implemented search and sorting features and utilized event handlers and DOM manipulation to show correct results.</li> <li>Integrated Google places and photos APIs to let users find restaurants and attach pictures to reviews.</li> </ul>		
<b>StockTracker</b> - <a href="#">GitHub</a>   <a href="#">Demo</a>   <a href="#">Live</a> <i>A web app built to follow stock prices, read latest news and see stock recommendations from analysts with real time data.</i> Technologies: <b>Ruby, Sinatra framework</b> <ul style="list-style-type: none"> <li>Applied the MVC pattern to build the app using Ruby Sinatra framework.</li> <li>Used active record to validate unique users to prevent duplicate data.</li> <li>Utilized 'bcrypt' gem to hash and salt passwords for secure implementation of user authentication.</li> <li>Integrated an API to fetch real-time stock data to show price, news and analyst recommendation.</li> </ul>		
EXPERIENCE		
<b>Central Michigan University - Economics Department</b> <i>Research Assistant</i>		Mount Pleasant, MI 01/2018 – 01/2020
<ul style="list-style-type: none"> <li>Built a salary prediction model for National Hockey League players using SAS Enterprise Miner, a statistical tool. Performed data partition, imputation, variable selection techniques to prepare the data, and selected the best model based on the lowest average square error.</li> <li>Performed Linear regression and Logistic regression on panel data of almost 30,000 people to find a relationship between health and income using STATA. Coded macro variables in SAS to clean and merge the data.</li> <li>Analyzed 450,000 transactions of a superstore to find an association between items purchased from two departments and found that people who buy perfume will be 3.6 times more likely to buy toothbrush than a random purchase using SAS Enterprise Miner.</li> </ul>		
<b>Amity Education BD</b> <i>Data Analyst</i>		Sylhet, Bangladesh, South Asia 02/2016 – 11/2017
<ul style="list-style-type: none"> <li>Used STATA and Microsoft SQL Server to analyze data and presented the reports to the stockholders in a non-technical way.</li> <li>Analyzed trends in the data and reported the Return on Investment (ROI) by showing how performance achieved business goals.</li> <li>Evaluated clients' data and sales information to better prepare managerial action and strategy. Increased sales by 30% by presenting key marketing strategies.</li> </ul>		
EDUCATION		
<b>Flatiron School</b> Full Stack Web Development, Ruby on Rails and JavaScript program		Online 08/ 2020 - 01/2021
<b>Central Michigan University</b> MA in Economics with a 3.91 GPA		Mount Pleasant, MI 01/2018 - 01/ 2020
<b>SUST</b> MSS in Economics BSS in Economics		Sylhet, Bangladesh, South Asia 01/2014 - 01/ 2015 01/2009 - 01/2013