RIPAN ANADI HALDER

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Education

Northeastern University, Boston, MA   Expected June 2020
Master of Science in Information Systems
Courses: Web Design, Application Engineering and Development, Web Development Tools & Methods, Smartphones
Development, Parallel & Multithreading Programming, Network Structure & Cloud Computing, Advanced Big Data Indexing

Vishwakarma Institute of Technology, Pune, MH, India
Bachelor of Technology in Electronics and Telecommunication Engineering   May 2015

Professional Experience

Office of Global Services, Northeastern University, Boston, MA   July 2019 - Present
SharePoint & Web Developer
- Devised 2 SharePoint sites for internal repository and version controlling & 1 React app for calendar integration into it.
- Implemented a NodeJS & MongoDB backend app deployed on Heroku & peer facilitating OGS's React web application.

Retail Business Services, Ahold Delhaize USA, Quincy, MA   June 2019 - December 2019
Backend Developer || Domain: Retail
- Developed Lunchbox -a frictionless store's, RESTful 7 backend servers in NodeJS - registrations, managing sessions, Braintree & PayPal Payments, invoices & handling Azure service bus communications & MongoDB for data modelling.
- Formulated product innovation for Lunchbox internal reporting web application for innovative marketing of data since launch date leveraging mongo charts and embedded mongo services - stitches, triggers and functions in 2 backend servers.
- Utilized Azure Blob storages to store heavy data and images in a private container & Microsoft's graph API's to fetch metadata of company employees to use for 2 applications.
- Proposed & executed a prototype building for signature generator application, generating encrypted base64 hash with salt and secret key utilized by all 7 backend lunchbox servers for local testing on postman.
- Improved code quality by brainstorming & resolving 500+ critical & major issues faced in sonar checks on 3 existing and 2 new backend web applications and automated CI checks plying mocha & chai for efficiency improvement by 75%.
- Partnered with 40 volunteers at Greater Boston Food Bank for KWC event for segregating food items.

Infosys Limited, India   August 2015 - June 2018
Senior Software Engineer || Domain: Insurance, Retail
- Executed 2 .Net MVC applications to display real-time data from SQL database to SharePoint pages, earning client appreciations and 5 SharePoint apps in SP2017 designer and Nintex workflows for an insurance-based client of UK.

Technical Skills

Programming languages:	Java, JavaScript, Swift, Python, Shell Scripting, C#
Web Technologies:	NodeJS, Express, React, Angular, JSP, HTML, CSS, SASS, Bootstrap
Standards & Framework:	Spring Boot, Spring MVC, Hibernate, Servlets, JDBC, .Net Framework, Swing, JSON, XML
Azure Cloud Technologies:	App Services, Storage Containers, CI/CD, Docker, Service Bus, Firewall, Front Door
AWS Cloud Technologies:	Lambda, EC2, S3, SNS, SES, RDS, Cloud Formation, Terraform, Circle CI, Travis CI
Database:	MongoDB, MS-SQL, MySQL, PostgreSQL, MariaDB
Other Technologies:	Microsoft Graph API, Elastic Search, Heroku Deployments

Academic Projects

www.ripanhalder.com, *MERN Stack, Heroku, Azure CI, Google Domains*   November 2019
Extended a MERN academic project to create a portfolio website on a purchased domain & deployed on Heroku leveraging
Azure CI. The website has sections on about-me(resume), academic projects, picture library and personal blogs.

Game Rental, *Spring MVC, Hibernate, MySQL*   April 2019
Implemented a Spring MVC web application to rent out game DVD's in nearby locations and managing users.

Event Profiler, *SWIFT, Firebase*   April 2019
Collaborated with 2-members to develop an iOS app, storing user interests & maps with events available in a city, suggesting
user about nearby events. User login/sign-up through Google, DB on Firebase cloud and events from Ticketmaster public API.

Medical Corps Management System, *Java, Swing, db4o util*   November 2018
Devised an application for US Army Medical Corps, allowing camp commandants to communicate for medical assistance.

Handout Donation Site, *MEAN Stack*   November 2018
Liaised with a team of 4 & created a donation site using MEAN Stack and integrated google maps and PayPal sandbox gateways.