RIPAN ANADI HALDER

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EDUCATION

Northeastern University Boston, MA, USA   *August 2018 - December 2020*
Master of Science in **Information System**
Courses: Algorithms, Web Development, Cloud Computing, Big Data Indexing, iOS Development, Multithreading

Vishwakarma Institute of Technology, Pune, MH India   *August 2011 - May 2015*
Bachelor of Technology in **Electronics and Telecommunication Engineering**

WORK EXPERIENCE

Office of Global Services, Northeastern University   *July 2019 - December 2020*
SharePoint & Web Developer - On Campus / Part-time   *Boston, MA*
· Devised 2 SharePoint sites for internal repository, enabled version controlling & integrated 1 React calendar app.
· Implemented an internal NodeJS & MongoDB backend app, used Azure CI/CD pipelines & deployed on Heroku.

Retail Business Services, Ahold Delhaize   *June 2019 - December 2019*
Backend Developer Co-op   *Boston,MA*
· Developed Lunchbox -a friction-less store's web and mobile-based application includes 7 RESTful backend servers
  in NodeJS & MongoDB for data modelling, containerized in Docker & deployed to Azure.
· Improved code quality by brainstorming & resolving 500+ major issues faced in sonar checks on 3 existing and 2
  new backend web applications & automated CI checks plying Mocha & Chai for efficiency improvement by 75%.

Infosys Limited   *August 2015 - June 2018*
Senior Software Engineer   *Mysore, Mangalore, Pune - India*
· 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.

PROJECTS

Bill Tracking Management System   *Spring 2020*
· Devised token-based RESTful APIs in NodeJS & Express Server and distributed backend application on AWS
  infrastructure, generated through CloudFormation, integrated through CircleCI and deployed using CodeDeploy.
· The app is highly scalable on EC2 using ALB & ASG and uses PostgreSQL RDS to store/update bills.
· Pub/sub fan out SNS-SQS architecture triggering Lambda to send emails through SES.

Game Rental Application   *Spring 2019*
· Implemented a Spring MVC, hibernate web application to rent out game DVD's in nearby locations and managing
  users using MySQL database.

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

TECHNICAL SKILLS

AWS Services	EC2, IAM, ELB, EBS, RDS, EB, ElastiCache, S3, SNS, SQS, SES, Lambda, Cloud Formation, CloudFront, ECS, CloudTrail, CloudWatch, API Gateway
Container Technologies	Docker, ECS, ECR, Fargate, Kubernetes, PODs, ReplicaSets, Ingress Controllers
Language & Scripts	Java, JavaScript, Node.js, Shell Script, Python
Databases	MySQL, PostgreSQL, MongoDB, DynamoDB, MariaDB, Redis, Memcached
Standards & Framework	Spring Boot, Spring MVC, Hibernate, Servlets, JDBC, .Net Framework
CI Tools	CodeBuild, Circle CI, Travis CI, Azure CI

CERTIFICATIONS

AWS Certified Developer - Associate   *May 2020*