

SHIVESH KUMAR

www.shiveshkumar.com | Boston | kumar.shiv@husky.neu.edu | (857) 891-0850 | www.linkedin.com/in/shiveshkumarsuri/

EDUCATION

Northeastern University

Boston, MA

Master of Science in Information Systems | GPA: 4.0

May 2020

Relevant Coursework: Application Engineering and Development, Program Structure and Algorithms, Web Development Tools and Methods, Web Design and User Experience Engineering, Network Structures and Cloud Computing

Visvesvaraya Technological University

Bengaluru, India

Bachelor of Engineering in Computer Science and Engineering

June 2015

TECHNICAL SKILLS

Languages: Java, Python, C, SQL

Web Technologies: HTML5, JavaScript, CSS3, Bootstrap4, jQuery, AJAX, NodeJS

Java/J2EE: Spring Boot | MVC, Apache Sling, OSGi, JUnit, Hibernate, REST(JAX-RS), SOAP, BDD

Software Tools: AEM 6.5, Splunk (Certified User), SonarQube, Maven, Gradle, Postman, Web Logic, CAST

Project Management: Scrum, Jira, Jenkins, CircleCI, Confluence, Bamboo, HPQC, Git, SVN(tortoise), Bitbucket

Databases and DevOps: MySQL, Redis, MongoDB, Amazon Web Services

PROFESSIONAL EXPERIENCE

College of Engineering, Northeastern University

Boston, MA

Graduate Teaching Assistant (*Web Design and User Experience Engineering*)

January – April 2020

- Create code for lab sessions and mentor 80 students to help them with their academic progress by providing appropriate feedback
- Assist professor to teach latest technologies along with designing and conducting online hacker rank quizzes

Isobar

Boston, MA

Backend Intern

May – December 2019

- Built and maintained web applications using Adobe Experience Manager (*AEM 6.5*) including site architecture and custom components development with object model design (Java APIs) utilizing *sling* and *OSGi* framework
- Created APIs using Spring Boot and *Solr* to call REST web services from the pool of global web services shared between multiple child portals to deploy a car rental website in multiple domains and languages
- Proposed an extensive model and approach for up grading AEM across different environment to Tech leads and team

Accenture Services Private Limited

Pune, India

Software Development Analyst

August 2015 – July 2018

Web Portal Development

- Developed 14 web pages of client portal for the interaction of all end-user customers based on Spring MVC with velocity template using Bootstrap4, JavaScript as part of new requirement by the client
- Worked with Web Services using REST APIs to build 38 client services for downstream APIs calls and client interaction
- Delivered European Union regulatory law on data protection project called GDPR (Global Data Protection Regulation) end to end for Virgin Media in 4 weeks to meet the government security compliance

Oracle Fusion Migration

- Migrated 128 Java middleware services from the SUN JCAPs to Oracle Fusion platform using REST and SOAP web services along with OSB to increase load capacity and decrease processing time of service calls by approx. 2 sec
- Performed BDD (cucumber) and JUnit ensuring 90% or more code coverage with SonarQube to test the quality gateway

ACADEMIC PROJECTS

Student Financial Services (AWS, Spring Boot, DynamoDB)

January 2020 – Present

- Designed and built fault-tolerant RESTful APIs using Spring Boot. Hosted on AWS using IaaS services such as *EC2*, *EBS*, *Route53*, *SES*, *SNS*, *SQS*, *CloudWatch*, *IAM*, *RDS*, *NoSQL (DynamoDB)* and *S3* object-store.
- Implemented CI/CD pipeline using GitHub, *CircleCI* and Amazon Code Deploy.

Advanced JSON Indexing API (Spring Boot, Redis)

September – December 2019

- Created an enterprise level API consisting of JSON schema, etag, OAuth2.0, JSON graph to support multiple HTTP methods

Flight Reservation and Check in Application (Spring Boot, JPA)

March – April 2019

- Built a Spring Boot and Hibernate REST application for flight reservation and online check-in process
- Used Spring Security, Mail, Data modules, with APIs including SMS(Twilio), pdf (iText) and card payment (Stripe)

Decentralized Healthcare System (Java SE, Swing)

November – December 2018

- Designed a Java application using swing framework to build a decentralized ecosystem for healthcare system
- Implemented robust application design model to solve the strict association between doctors and hospitals

New York Guide Portal Development (<https://mynewyorkguide.herokuapp.com/>)

October – November 2018

- Built a scalable traveler guide portal with HTML5, CSS3, JavaScript, Bootstrap4, NodeJS, Handlebars and MongoDB
- Integrated PayPal Node SDK for payment functionality and deployed the application using Heroku with mLab cloud Platform