Deepak Chandwani

Boston, MA | (617) 459-0846 | chandwani.d@outlook.com
https://www.linkedin.com/in/deepak-chandwani | https://github.com/chandwanideepak

Education:

Northeastern University, Boston, MA
Master of Science in Information Systems **Dec 2019**
Shri Shankaracharya Institute of Professional Management and Technology, Raipur, India
Bachelor of Engineering in Electronics and Telecommunication **Jul 2014**

Technical Skills/Certificates:

Programming Language	:	Java, Swift, HTML5, CSS3, JavaScript, Python
Framework	:	Spring MVC, Spring Boot, Hibernate, REST API, Junit, Mockito, Swing, Servlet, Angular
Database	:	MySQL, Hibernate, DynamoDB, SQL Developer, Postgres
IDE/OS	:	STS, Net Beans, IntelliJ IDEA, Android Studio, Eclipse, XCode, Android, Linux
Tools	**:**	JIRA, Confluence, Jenkins, Git, RabbitMQ, Docker, AWS

Work Experience:

Software Engineer Intern, **PayPal, Newton, MA** **Jan 2019 - Aug 2019**
- Developed features for connectors using **microservices architecture** which interfaces third parties and Paydiant platform utilizing **Java/Spring**
- Analyzed the logs using **Splunk** to troubleshoot the issues and performed **onboarding** of various connectors using SQL Developer
- Deployed the connector (microservice) locally in **docker**
- Debugged and resolved connector automation script errors by utilizing the cucumber framework by testing both **REST** and **SOAP** services
- Used Jira to manage the project software development life cycle (SDLC) in **Agile** Methodology
- Build unit test cases, acceptance test suites and performed functional testing of the connector application solutions.

Software Developer, N-Works Technology, Raipur, India **Jan 2017 - Jul 2017**
- Developed an android application for liaising between teachers and parents utilized by 20+ schools and 9000+ parents
- Conceptualized business requirements using **Java** and **SQL Server**, consists of 30+ screens and features like riders, course curriculum, fee structure and course grades
- Enforced real-time notification functionality using **Firebase** to notify users about updates on the course syllabus, grades and events

Software Developer, Icreate Solutions Pvt. Ltd, Raipur, India **Apr 2016 - Dec 2016**
- Constructed an android application for owners to safe-guard real estate properties based on 1 month or 12 months subscription plans
- Designed the functionality for uploading the image to be viewed by subscribed users to keep a watch on apartments, offices, etc
- Re-engineered the application to optimize its performance and improved user experience by 80%

Software Developer, NCiT Computer, Raipur, India **Aug 2014 - Mar 2016**
- Constructed an application "DeVaga Bond" for bag manufacturer to manage and process orders of customers reducing paperwork by 70%
- Build product catalogues to showcase different categories and displayed features to market the products
- Designed various shopping cart operations for the customers to add and update orders
- Authenticated and authorized the user using QR code scanner app

Projects:

Mad Bawarchi (Spring Boot, PostgreSQL, Amazon S3, Heroku) **Jul 2019 - Present**
- Cultivated a **Spring Boot** web application to digitize the concept of a cookbook and deployed on Heroku
- Devised 2 roles (admin and user) to upload and view recipes of various cuisines
- Saved images in Amazon S3, built user interface in **Bootstrap**, **HTML5**, and **CSS3** and backend using **PostgreSQL**
- Implemented **Google Oauth2** to authenticate and authorize user accounts and sent an automated email notification

Expense Tracking System (Spring Boot, EC2, EBS, Route53, SES, ELB, CloudWatch, IAM, RDS, NoSQL and S3) **Sep 2018 – Dec 2018**
- Designed and built highly scalable, available fault tolerant web application hosted on cloud computing platform (Amazon Web Services) using IaaS, PaaS & SaaS services such as EC2, EBS, Route53, SES, ELB, CloudWatch, IAM, RDS, NoSQL (DynamoDB) and S3 object store
- Achieved CI/CD pipeline using **Travis CI and AWS Code Deploy** and hosted the web application using **Amazon route 53 as DNS service**
- Configured load balancers and auto-scaling groups to distribute requests across multiple AWS instances
- Leveraged **CloudWatch** logs to stream application logs to CloudWatch dashboard and monitor custom metrics
- Implemented password reset functionality using **AWS Lambda, DynamoDB, SNS and SES** following a microservices architecture
- Performed load and pen testing in **JMeter** and Kali Linux across distributed servers for 1,000 simulated users simultaneously

FeedMe (Swift4, DynamoDB, S3, CloudWatch, Incognito) **Sep 2018 – Dec 2018**
- Developed an iOS app using Swift4 suggesting users' different recipes based on 3 or more available ingredients
- Tracked recipe views using the logging mechanism of CloudWatch and added features for adding and deleting recipes, marking favorites
- Persisted data and user information in DynamoDB, and saved recipe images in S3

NEU Market Place (Spring, MySQL, AJAX, jQuery, Angular4 and Hibernate) **Jan 2018 – Apr 2018**
- Devised a smart e-commerce web app where users can sell products which they no longer use
- Automated email notifications on successful registrations, filters, programmatic security, order invoice in PDF and excel format
- Designed 3-role system with admin, access control and users to manage products in the system