

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

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 **Firestore** 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