

BHAVYA PATHAK

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EDUCATION

Northeastern University , Boston, MA Master of Science in Information Systems	April 2020
Acropolis Technical Campus , Indore, India Bachelor of Engineering in Electronics & Communication	June 2015

TECHNICAL SKILLS

Languages:	Java, SQL, JavaScript, C, C++, Swift, Bash/Shell Script, Python
AWS Services:	CloudFormation, Lambda, DynamoDB, AWS SDK for Java, S3, CICD Pipeline
Web Technologies:	HTML5, CSS3, Node.js, AJAX, JSON, TypeScript, Bootstrap
Frameworks/Libraries:	Spring MVC, Hibernate, Spring Boot, Angular, ReactJS, Express
Database:	Oracle, MySQL, MongoDB, PostgreSQL, Redis
DevOps/Tools:	Docker, Maven, Ansible, Jira, Git, Jenkins, Elasticsearch, SVN, VIM, Selenium, JUnit

RELEVANT EXPERIENCE

Nok Nok Labs Inc , San Jose, CA Software Engineer Intern	May 2019 – Dec 2019
<ul style="list-style-type: none">Created remote server Bash scripts to deploy and manage application resources on Unix/Linux Operating SystemAutomated application deployment by containerizing the product servers, database, and gateway with Docker using docker images and Python scriptsAchieved 3x performance gain by distributing the functionalities in separate containersEnhanced Ansible playbooks used to build and deploy Administration and Authentication Servers on Docker containersFixed bugs in the Java application for the product	

DXC Technology , Indore, India Software Engineer	Sept 2015 – Oct 2017
<ul style="list-style-type: none">Worked in a global team with Java developers, business analysts, testers, project managers, and other technical specialistsDeveloped and maintained insurance products using Java, JSP, and Oracle databaseCarried out developing, testing, debugging and code fixing routine for Java applicationsImplemented strong design patterns and multi-tier architecture to increase system flexibility which reduced development time and maintenance cost by around 30%Implemented client side application to interact and integrate with backend Spring Boot based REST APIsIncreased modules delivery by 15% by evaluating existing complex systems and implementing the helper classes to maximize code re-use and efficiencyAwarded certificate of achievement for delivering quality code and resolving critical defects	

PROJECTS

Safe Campus - Swift and XCode	April 2020
<ul style="list-style-type: none">Developed and designed an iOS application for students to predict safe locations around the campus by analyzing past and present crime data	
Cloud Computing – AWS Services	March 2020
<ul style="list-style-type: none">Deployed a Spring Boot web application on the cloud platform AWSImplemented auto-scaling, load balancing, CI/CD: CodeCommit, CodeBuild, CodeDeploy	
Duplicate Record Finder - Spring Boot, Hibernate, and MySQL	April 2019
<ul style="list-style-type: none">Built a Java spring-boot application to find duplicate record in a CSV file using Levenshtein distance and Metaphone algorithm	
Tour and Travel Booking - NodeJS, Angular, MongoDB, and Material UI	December 2018
<ul style="list-style-type: none">Designed and developed REST API web application for Tour and Travel Packages for a customer to book any available package or ask the admin for custom package using MEAN stack architectureAuthentication mechanism using PassportJS and JSON Web Tokens	