ABHISHEK VISHWANATH

chayan.s.abhishek@gmail.com | 8135858216 | Boston, MA | Linkedin.com/in/abhishek-vishwanath
www.abhishekvishwanath.com | github.com/V-Abhishek

EDUCATION

Master of Science, Information Systems   *September 2019 - Present*
Northeastern University, Boston

Bachelor of Engineering, Electronics and Communication Engineering   *June 2011 - June 2015*
Visvesvaraya Technological University, Bangalore

PROFESSIONAL EXPERIENCE

Robotic Automation Developer Co-op, Boehringer Ingelheim, Connecticut, USA   *February 2021 – Present*
- Designed and developed a UiPath bot to interact with python scripts and document results on Electronic Notebook that eliminated 2000 hours/year of manual work
- Architected a cost-effective RPA solution that eliminated additional license cost and saved 12000 Euros/year
- Pioneered documentation automation solution and paved the way for developing similar bots

Associate Software Engineer, Cognizant Technology Solutions, Bangalore, India   *May 2016 - August 2019*
- Enhanced user experience of a web application by implementing EHcache and reduced the website load time by 50%
- Examined and devised a complex workflow to automate rolling out of pages and reduced the operation cost by 95%
- Trained and directed the content authoring team to deliver 5 deadline-conscious projects
- Spearheaded the landing of a new project by developing a critical benchmark component that generated performance stats of an industry and visualized it by using D3.js framework
- Analyzed clients' business requirements and developed over 30 web services by leveraging Java and Sling framework of Adobe Experience Manager

PROJECTS

Camp World (https://secret-falls-38858.herokuapp.com)   *April 2020 - June 2021*
- Designed and developed a camping site web application by leveraging Express.js framework along with Node.js
- Deployed the application on Heroku cloud platform and currently managing user data on MongoDB Atlas platform
- Geocoded campgrounds location using Mapbox and stored user uploaded images on Cloudinary platform

COVID Test Scheduler (ServiceNow Hackathon)   *August 2020*
- Spearheaded the development of COVID test scheduler application for universities on ServiceNow platform
- Evaluated available features of ServiceNow and designed a workflow to manage scheduling tests using Flow Designer
- Designed a real time interactive dashboard to display stats on testing results by extracting data

Bookstall (Spring, AWS, CI/CD pipeline, AWS Lambda, RDS, SES, S3, DynamoDB)   *May 2020 - August 2020*
- Developed an online bookstore application using Spring, Hibernate framework and deployed it on AWS cloud platform
- Built a reproducible Infrastructure using Terraform and created a golden Amazon Machine Image using Packers
- Incorporated Auto Scaling and Load Balancer to handle over 1000 concurrent users
- Implemented a Lambda function to send reset password link to registered users via email using Simple Email Service
- Devised a Continuous Integration and Continuous Deployment pipeline and reduced the deployment time by 20 minutes

Travel the World (Java, Spring, Hibernate, MySQL)   *March 2020 - April 2020*
- Developed Online Travel Agency application to allow airliners to manage their flights and customers to make reservation
- Secured the application from SQL and JavaScript injection web attacks using Interceptors
- Hashed user passwords using BCrypt algorithm before storing them in MySQL database
- Implemented a mechanism to generate downloadable PDF of tickets reserved by the customer

Credit Risk Modelling (Python)   *March 2020 - April 2020*
- Partnered with a team of three to build a credit risk model to determine Expected Loss of a bank based on loans lent
- Performed data wrangling on the dataset and determined the parameters required for building the models
- Built Probability of Default model using logistic regression and validated its accuracy using Gini Plot

TECHNICAL SKILLS

Programming Languages:	Java, Python
Databases:	Oracle, MySQL, MongoDB
Web Technologies:	Spring Framework, Hibernate, Node.js, HTML, JavaScript, CSS, AJAX, JSON
Cloud Computing Platform:	Amazon Web Services (AWS)
Infrastructure and CI/CD Tools:	Terraform, CircleCI
Robotic Process Automation:	UiPath
Computing Platforms:	Linux, Windows, macOS