Ms. Rasika H. Deodhar

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Github: https://github.com/Rasika-Deodhar

PROFESSIONAL EXPERIENCE

Technology Analyst   Sept 2020 – Present
Citi   Dublin, Ireland

- Worked as a full stack developer in Issuer Services domain to build an immigration application in Java 8 and Angular 9.
- Demonstrated team collaboration as a part of agile process via sprint planning, refinement and retrospective meetings.
- Participation in organizational activities like – hackathon, charity events and volunteering projects etc.

Software Developer Intern   June 2020 - Sep 2020
Informatica   Dublin, Ireland

- Worked with a product team to develop a Data Governance platform. Tasks involved implementing backend services using Java 8. Also involved with frontend tasks which used React JS technology.
- Developed backend APIs using Java involving business requirements and changes within them.
- Built components in React for the UI pages.

Software Engineer   July 2017 - July 2019
Xoriant Solutions Private Limited   Pune, India

- Created an application using Angular and Node.js for Recruitment Based System. Written back-end services like - email notifications, email invite, CRUD etc. Also worked with WSDL and SOAP to call Taleo services for getting live data. Added service to merge with Oracle application - Taleo Connect Client.
- Worked as a front-end developer for Interactive Cognitive application. Designed responsive web pages and constructed Business Logic like – search functionality, edit components, add dynamic components etc.
- Built Java Selenium Framework for Automation Testing. Also involved in tasks like - SQL query creation, making use-cases, creation and execution of Test cases using Java Selenium, manual API testing and build deployments using WinSCP and Jenkins.

PROJECTS

Data Preparation and Analysis   March 2020
- Developed a piece of code which gathers data from an Open API about food calories. Pre-processed and presented a visual analysis of vital elements provided by Fruits to a human body and how they are relational with each other.

Performance Evaluation of Text Classification Algorithms

April 2020

- Implemented web scraping code to download dataset from a website for different categories of information. Then normalized the text using pre-processing techniques. Later performed binary classification on them using Naïve Bayes Classifier and got the accuracy scores. Then evaluated the classification prediction model against others to review the performance of each against one another.

Spring boot Application - Personal Project

- Made an application with basic CRUD functionalities using Spring MVC framework and SQL Database. Used Angular 4 to represent the data and make available to users for updating.

Online Department of IT (ODIT)

August 2015 - December 2015

- Built an organizational level student portal for the IT department wherein lectures and assignments can be posted. Development involved full-stack technologies – HTML, CSS, PHP and MongoDB.

EDUCATION

Masters in Computer Science

September 2019 - Present

University College Dublin

Key Modules: Machine Learning, Text Analytics, Professional Java Programming, Advanced ML, Ruby, Data Mining, Data Science in Python etc.

Bachelor of Engineering, Information Technology (71.86%)

July 2013 - June 2017

Savitribai Phule Pune University

Pune, India

Key Modules: Data Structures, Discrete Structures, Object-Oriented Programming Concepts, Software Engineering, Theory of Computation, Machine Learning, Cloud Computing.

TECHNICAL SKILLS

- **Programming Languages**: Java, Python
- **Web-technologies and Frameworks**: Node.js, React, Angular 2.0+, Spring boot, RESTful web services, HTML, CSS, Bootstrap, .Net
- **Databases**: MySQL, MongoDB
- **Platforms and Tools**: Visual Studio Code, IntelliJ, JIRA, Jenkins, Postman, Swagger, SVN, Bitbucket, WinSCP, Anaconda

RESEARCH

Vulnerability Assessment of Android Devices using Decision Tree

June 2016 - March 2017

Research Paper published as "Seeing Unseen: Detecting Malware Attack Vulnerability in Android Smartphones"

- Created an android application which predicts the vulnerability of the mobile using its access permissions. Used Gradle database to connect with background mobile applications, extracted levels of access permissions used by each app individually and predicted vulnerability using decision tree algorithm.

CERTIFICATIONS

Algorithms in Machine Learning and Big Data   August 2015
Persistent Systems Pvt Ltd
- Learning various Machine Learning models using NumPy
- Usage of ML algorithms in image processing and Big Data analytics

Cyber Forensics   December 2017
IIT Bombay, Techfest 2017
- Usage of cybersecurity to solve a crime
- Famous cybercriminals

EXTRACURRICULARS

- Mentoring at **BuddyCoders** by helping undergrads learn about the foundation of Computer Science industry and developing various applications like – games, puzzles, solve coding problems, build GitHub etc.
- Been a Core member of **Association of Computing Machinery (ACM)** and organized many events like – Tech Talks, Workshops, Competitions within the department.
- Organized **Art Gallery** event in the annual gathering of college on behalf of the **Department of IT**.
- Volunteered in **Tree Plantation Drive** for global warming and greener city awareness.
- Participated in **Cleanliness Drive** in the faith of garbage management.

INTERESTS

- Dancing
- Reading Novels
- Listening Music
- Watching movies/web series

Cover Letter

Rasika H. Deodhar
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rasikadeodhar95 @gmail.com

Dear Sir/Madam,

I am currently working at Citi as a Technology Analyst, involving full-stack developer role using agile methodology. Currently I have started working with a BAU team to support releases and client changes, which is a learning curve for me.

I have pursued Masters at University College Dublin, Ireland in Computer Science and graduated in 2020. I interned at Informatica, Dublin wherein I was involved with a product-based team to provide support for developing new components and expansion of the application.

As undergraduate degree I have done Bachelor's in Information Technology from Pune University, India. Post which I got an opportunity to work with Xoriant Solutions Pvt. Ltd where I have developed effective and quality-controlled applications within deadlines, following Agile methodology and optimized solutions.

My overall proficiency lies within technologies like - Java, Angular, Node.js, Spring boot, React, MongoDB, SQL, Python etc. qualifying me as a full-stack developer.

Throughout my experience I practiced organizational goal fulfilment, professional culture fit, operating with diverse teams, efficient and productive problem-solving skills, robust strategy planning. These multiple capabilities make me realize I would be serving as a suitable candidate for your organization.

My goal is to mold my technical knowledge to make simpler solutions. I am also working as a mentor with Buddy Coders Program wherein we introduce the fresh undergrads with coding workshops. I have been a part of Machine Learning and Big Data summer program organized by Persistent System Pvt. Ltd. in my undergrad degree.

Looking forward to have an interview.
Yours faithfully,
Rasika H. Deodhar