Ms Rasika H. Deodhar

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Two years of experience in IT industry with good knowledge of Angular 2, Node JS, Java and Databases. Interested in learning and achieving challenging tasks to accomplish knowledge gain and continuous learning by solving complex algorithms

EDUCATION

Masters in Computer Science   September 2019 - Present
University College Dublin
Primary Subjects: Machine Learning, Text Analytics, 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
Primary Subjects: Data Structures, Discrete Structures, Object-Oriented Programming Concepts, Software Engineering, Theory of Computation, Machine Learning, Cloud Computing.

TECHNICAL SKILLS

- **Programming Languages**: R, Python, Core Java, C#
- **Web-technologies and Frameworks**: Node.js, Angular 2.0+, Spring boot, RESTful web services, HTML5, CSS3, Bootstrap, .Net
- **Databases**: MySQL, MongoDB
- **Operating Systems**: Windows 7/8/10, Linux
- **Platforms and Tools**: Visual Studio Code, Anaconda, Spyder, Weka, JIRA, Jenkins, WinSCP, Postman, Swagger, SVN

PROFESSIONAL EXPERIENCE

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

[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.

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