Soumitra Mishra

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EDUCATION

Northeastern University, Boston, MA
Khoury College of Computer Sciences   **Sep 2018-Dec 2020**
Candidate for the Master of Science in Computer Science, GPA-3.7/4
Related Courses: Programming Design Paradigm, Algorithms, Computer Systems, Networks, Mobile Application Development

APJ Abdul Kalam Technical University, Lucknow, India   **Jul 2011-Jun 2015**
Bachelor of Technology in Computer Science and Engineering
Related Courses: Data Structures, Operating System, Database Management, Object-Oriented Programming

TECHNICAL KNOWLEDGE

Languages:	Python, Shell Script, Java, C, Tool Command Language (TCL), NS-2(Network Simulator)
Software:	Git, Wireshark, Jenkins, VMWare, Postman, Spirent, Android Studio
Databases:	Postgres, MySQL, Firebase Realtime database
Web Tech:	HTML, CSS, JavaScript, Angular, PHP, REST, JSON

WORK EXPERIENCE

Infosys Ltd, Bangalore, India
Senior System Engineer   **Dec 2015-Jun 2018**
- Full Stack Developer for a single page dynamic web application in MVC style using Angular, Bootstrap, Java, REST API, and MySQL which enabled centralized event monitoring, minimizing the reaction time to resolve the major issues by 60%.
- Remodeled and automated test cases for Gateway devices by integrating Jenkins into a web application which resulted in accelerated test cycle as well as overall scrum cycle.

Versa Networks
Software Engineering intern
- Developed automation Software using Python Scripts and Jenkins for testing and continuous deployment of the functionality and features of Versa Networks'Software-Defined Wide Area Network (SD-WAN) platform which resulted in expanded test coverage with significantly faster feedback on the quality of the application and its suitability for releases.

Northeastern University, Boston, MA
Teaching Assistant-Fundamentals of Computer Networks   **Jan 2019-Aug 2020**

ACADEMIC PROJECTS

Northeastern University, Boston, MA
Virtual Gamble   **Oct 2018-Nov 2018**
- Implemented an application in MVC (Model, View, Controller) style in Java which helps users who are new to investing to learn about how money could grow by simulating investment environments using real-time data from Alpha vantage API.
- Integrated the functionality of creation, persistence, retrieval, and statistical comparison of portfolios as well as educating the users about high order investment techniques like dollar-cost averaging.

Medician   **May 2020-Aug 2020**
Designed, developed and published an Android-based mobile application for all your medical needs including: -
- <u>Connecting with your physician and the team</u> - The user can search and connect to the nearby doctors available based on the category of medical issues they are facing. The users can chat as well as book appointments with the connected doctors.
- <u>Digital Prescription and Medical Reports</u> - Enables the Doctor as well as the patient to maintain the digital copy
- <u>Medicine and Appointment Reminders</u> - Set appointments reminders. Moreover, patients can set medicine reminders.

APJ Abdul Kalam Technical University, Lucknow, India
Perceptrix – An online web-based game   **Sep 2014-Nov 2014**
- Designed, developed, and deployed an online MCQ game using Java Hibernate, REST API, HTML, MySQL, and CSS where users were supposed to guess the news events based on the images provided.