

## Nitish Soman

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A Computer Science major with 4 years of work experience in web technologies applications. Currently working as Software Engineering Intern at DomaniSystems Incorporated on a personalized email access service based on voice response which integrates voice cloning technology (Lyrebird Inc), and Machine Learning.

### EDUCATION:

#### Master's in Computer Science

School of Engineering, University of Bridgeport, Bridgeport, CT

expected: May 2020

GPA: 3.66

#### Bachelor of Engineering in Computers

PVPIT, Savitribai Phule Pune University, Pune, Maharashtra, India

May 2013

GPA: 3.5

**Relevant Coursework:** Operating system, Analysis of Algorithms, Cloud Computing, Advance Database, Data Mining, OOP with Design Patterns, Hadoop and NoSQL, Web based Application Development, Big Data Systems & Analysis, Data and Computer Communication.

**Technical Skills:** React JS, Express Js, React Native, C++, AWS, GCP, Python, Asp.Net C#, HTML, CSS, JavaScript, jQuery

### WORK EXPERIENCE:

#### Software Engineering Intern, DomaniSystems Incorporated, Shelton, CT

September 2019 – Present

*Language and Tools Utilized:* Express JS, React JS, machine learning technology and Google Cloud text-to-speech API and Lyrebird's voice cloning technology.

- Developing a personalized email access service based on voice response which integrates voice cloning technology (Lyrebird Inc), and Machine Learning.
- Developing React Native app (Android & iOS) and web platform of the application.

#### Web Developer (Student Worker), University of Bridgeport, Bridgeport, CT

September 2018 – September 2019

*Language and Tools Utilized:* Drupal, MySQL, PHP, WordPress, Microsoft Dynamics 365 (CRM)

- Collaborated with the team of two engineers in developing and managing the University's website using latest technology and frameworks which boosted performance by 10%.
- Handled support tickets and managed tasks with the team which helped to resolve all the issues related to the website in a timely manner.

#### Teaching Assistant, Google CSSI, University of Bridgeport, Bridgeport, CT

July 2019 – August 2019

- Worked as Teaching Assistant at Google Computer Science Summer Institute (CSSI) Program. Taught Web Technologies like HTML, CSS, JS, Python along with Cloud Deployment using GCP.

#### Web Developer, Dheya Career Mentors (I) Pvt Ltd, Pune, India

June 2014 – July 2018

*Language and Tools Utilized:* WordPress, HTML 5, CSS, JavaScript, MYSQL, ASP.net C#, Bootstrap, MS-SQL

- Managed all DNS and hosting-related operations on Amazon Web Services (AWS) platform.
- Collaborated with the team of four engineers in developing and managing Dheya's website using latest technology which improved performance by 50%.
- Developed psychometric test web application and Web-API for mobile app with four engineers which helped to enhance organization customer management by 80%.

### ACADEMIC PROJECTS:

#### Master's Project: Personalized email access service based on voice response

May 2020

- Developing a personalized email access service based on voice response. The system integrates voice cloning technology (Lyrebird Inc), and Machine Learning to create the personalized email access service based on voice response.
- The platform is based on express JS, React JS, machine learning technology and Google Cloud text-to-speech API in addition to Lyrebird's voice cloning technology.

#### Bachelor's Project: Automated Examination and Evaluation Process Using QR Code technique

May 2012 - May 2013

- This is a standalone Android Application which converts Exam Questions into QR Code which can be decoded by the QR Code decoder and fetch the data saved into it. This application is developed in Java environment and using MS-SQL.

### AWARDS & ACHIEVEMENTS:

#### IEEE Paper Presentation on Automated Examination and Evaluation Process Using QR Code technique

May 2013

- This paper was based on a bachelor's project which converts Exam Questions into QR Code which can be decoded by the QR Code decoder and fetch the data saved into it.