

Nitish Prabhu Kota

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SUMMARY

Software Engineer with 3+ years of professional Full-Stack Web Development experience. Strong technical skills in designing, developing, testing, debugging, and maintaining complex websites; and training staff. Graduating from The University of Texas at Arlington, looking for Full-Stack Web Developer/Cloud Computing full time opportunities starting from May 2021.

EDUCATION

University of Texas at Arlington (GPA: 3.6/4.0) Arlington, TX
Master of Science in Computer Science Graduating in May 2021

- Major in Big Data Management, Databases and Cloud Computing; Artificial Intelligent Systems.
- **Related Courses:** Web Data Management, Artificial Intelligence I, Machine Learning, Advanced Topics in Database Systems, Data Mining, Software Testing, Software Engineering, Python Programming, Computer Networks.

NMAM Institute of Technology (GPA: 7.83/10.0) KA, INDIA
Bachelor of Engineering in Electronics and Communication May 2016

SKILLS

Programming Languages: C, C++, PHP, Python, JAVA, SQL.
Frameworks: AngularJS, Angular 2/5/9, React JS, Flask, Laravel, Bootstrap 4/5.
Web Technologies: JavaScript, HTML/HTML 5, CSS 3, TypeScript, Jasmine, Karma, RESTful Web Services, jQuery, XML, Google API's, JSON.
Database: MySQL, Google Cloud Datastore, MongoDB.
Cloud Services: AWS, Microsoft Azure, Google Cloud Platform, IBM Cloud (Bluemix).
Tools / Software: Visual Studio Code, Eclipse IDE, GitHub, Git, Jenkins, VSTS, Jupyter Notebook.

PROFESSIONAL EXPERIENCE

Senior Software Engineer - INFOSYS LIMITED, Mangaluru, India May 2017 – July 2019
Software Engineer Oct 2016 – May 2017

- Managed cross-functional team of 10 in 3 locations (London, Mumbai and New York), ranging from entry-level analysts to vice presidents, and collaborated with business development, data science, and operations.
- Launched Miami office with lead Director and recruited and managed new team of 10 employees; grew office revenue by 200% in first nine months (representing 20% of company revenue)
- Designed training and peer-mentoring programs for the incoming class of 25 analysts in 2017; reduced onboarding time for new hires by 50%
- Organized and advertised quarterly networking events with 500+ participants in six cities across California.
- Overhauled the obsolete legacy source code of two production applications, resulting in increased usability and reduced run time performance by 50%

Software Engineer Intern/Trainee - INFOSYS LIMITED, Mysuru, India May 2016 – Oct 2016

- Designed training and peer-mentoring programs for the incoming class of 25 analysts in 2017; reduced onboarding time for new hires by 50%

ACADEMIC/PERSONAL PROJECTS

Cloud Computing – Python/Flask Web Application (AWS Elastic Beanstalk, MS Azure, IBM Bluemix)

- Developed Python/Flask Web applications to perform various SQL queries on the [USGS earthquake dataset](#).
- Hosted it on Amazon Web Services, Microsoft Azure, and IBM Cloud platforms.
- Implemented caching using **Redis**, **load balancing** and **auto-scaling** to support high load traffic and faster execution of queries, hence improving the system performance by 30%. Performed Load testing using **Apache JMeter**.

Social Distancing and Facemask Detection Monitoring System – (Python, OpenCV, COCO Dataset, YOLO v3)

- Implemented a model and trained it on COCO dataset from scratch, to detect if the people are maintaining social distance using **YOLO v3 Algorithm** and **OpenCV**. Developed Face recognition Model to analyze images & identify facial landmark.

Burger's on Grill: Dynamic Responsive Restaurant website – (Laravel, PHP, JavaScript, CSS, HTML, Bootstrap 5) (Demo)

- Designed and Developed two Dynamic Responsive Web Applications using PHP and Laravel, respectively. Implemented role-based access with secure authentication, Order and Payment gateway etc. Hosted it online with SSL certificate.

CERTIFICATIONS AND AWARDS

- **Certified JAVA Developer – Diploma in JAVA** from Manipal Institute of Computer Education (MICE).
- Awarded with **INSTA Award** by Service Offering Head at Infosys for my contributions in **Google SDM project**.
- **Secured 2nd place in the Organizational level Hackathon** organized by Infosys Limited, presented a project titled **Image to HTML conversion** using Machine Learning and Tensor flow (Python).
- **Won 2nd place** in the events: **ROBOTHON** and **DARE TO DESIGN** at National Level Tech Fest Tech-Nidarshan.