

Nitish Prabhu Kota

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Software Engineer with 3+ years of professional Full-Stack Web Development experience. Strong technical skills in designing, developing, testing, debugging, and maintaining complex websites. Graduated from The University of Texas at Arlington, **actively looking for Software Development Engineer/Full-Stack Web Developer full time opportunities.**

EDUCATION

University of Texas at Arlington (GPA: 3.64/4.0) Arlington, TX
Master of Science in Computer Science Graduated in May 2021

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

Frameworks: AngularJS, Angular 2/5/9, React JS, Redux, 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, PrimeNG, ML Tools (NumPy, Pandas, Keras, SciPy, Scikit-learn).

Database: MySQL, Google Cloud Datastore, MongoDB, Amazon RDS, Redis.

Cloud Services: AWS, Microsoft Azure, Google Cloud Platform, IBM Cloud (Bluemix).

Tools / Software: Visual Studio Code, Eclipse IDE, GitHub, Git, Jira, Jenkins, VSTS, Jupyter Notebook, PyCharm.

PROFESSIONAL EXPERIENCE

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

- Worked on **developing and maintaining** 5 projects for **PricewaterhouseCoopers (PwC)** on technologies like **Angular 5, Python, GCP** etc. with **100% on-time delivery**. Redesigned and Migrated the previous systems to Cloud, thereby **reducing the yearly operational cost by 30%** with over 99% uptime, while following **Continuous Integration and Deployment (CI/CD)**.
- Actively participated in meetings with clients to determine requirements and proposed solutions. Involved in R&D while deciding technology stacks to be used; hence provided an efficient and cost-effective solution.
- Created **modular, reusable** UI tools/components, which were later used across the organization and in the **Google Account**.
- Practiced **Agile SCRUM methodology** to meet aggressive deadlines every two weeks. Involved in daily stand-up meetings, **sprint showcase (demos) and sprint retrospective**.
- Provided technical and functional Knowledge Transfer sessions over WebEx to distributed teams in **5 locations**. **Trained and guided 5+ new entry level recruits** on various technologies used.
- Collaborated with the back-end developers in the process of building and integrating the **REST API**. Worked with test engineering team to assure **product quality**. Responsible for creating user manuals and other technical documentations.

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

- Developed dynamic, interactive web application **Mobile Phone Comparison** using AngularJS, Java and Hibernate.
- Trained on **Agile Software Methodologies, SDLC**, Software Engineering, Data Structures, Critical and Design Thinking.

ACADEMIC/PERSONAL PROJECTS

Cloud Computing – Python/Flask Web Application (Amazon Web Services, MS Azure, IBM Bluemix)

- Developed and Hosted multiple web applications to perform various SQL queries on the USGS earthquake dataset.
- 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 Algorithm)

- Implemented a model and trained it on COCO dataset from scratch, to detect if the people are maintaining social distance or not with 90% accuracy. Developed Face Recognition Model to analyze images & identify facial landmark.

Instagram Clone Web Application: MERN Stack – (MongoDB, Express.js, React.js and Node.js)

- Built a responsive web application and deployed to Heroku. Created APIs in Node Js, JWT based authentication etc.

WhatsApp Chatbot for Stock Market – (Python, Flask and Twilio APIs)

- Built a conversational chatbot leveraging the Market Stack APIs to get data from 70+ stock exchanges across the world.

Burgers 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. Application hosted 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.