

Nitish Prabhu Kota

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Software Engineer with around 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.

Frameworks: Angular 2-11, AngularJS, Express.js, React JS, Redux, Flask, Laravel, Bootstrap 4/5.

Web Technologies: JavaScript, Node.js, HTML/HTML 5, CSS 3, TypeScript, Jasmine, Karma, RESTful Web Services, jQuery, Google API's, JSON.

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

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

Tools / Software: GitHub, Git, Jira, Jenkins, Postman, VS Code, Eclipse IDE, PyCharm.

PROFESSIONAL EXPERIENCE

Software Engineer – Tata Consultancy Services, Texas, US

Oct 2021 – Present

- Developed responsive and user-friendly UIs in **Angular** and backend APIs in **Node.js** while working as a full stack developer. Worked on creating databases, collection and performing CRUD operation on MongoDB database.
- Performed unit testing using Jasmine framework and Karma. Involved in Testing, debugging and fixing defects.

Software Engineer Intern – IpserLab LLC, California, US

Sept 2021 – Oct 2021

- Worked on frontend for a **Smart Irrigation System** application. Involved in Research, Survey and Competitor Analysis phase.

Graduate Research Volunteer – UT Arlington, Texas, US

Jul 2021 – Sept 2021

- Implemented multiple functionalities with role-based access for a **Laravel, MySQL** based **Online Learning Platform** which serves as a virtual school for students and other age groups. Involved in Testing, debugging and fixing defects.

Senior Systems Engineer – Infosys Limited, Mangaluru, India

May 2016 – Jul 2019

- Worked on **developing and maintaining** 5 projects for **PricewaterhouseCoopers (PwC)** on technologies like **Angular 5, Python, GCP** etc. with **100% on-time delivery**. Redesign 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.

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**.

Retail Bank Management System: (Java, Oracle SQL, JDBC, JSP)

- Developed dynamic, interactive web application which serves customers to manage their current and savings accounts.
- Served as a SCRUM Master leading Agile team of 8, for sprint planning, reviews, retrospective, and daily scrum meetings.

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

- Built a conversational chatbot on WhatsApp platform using Twilio APIs to send stock market updates to the subscribed BOT users. Leveraged the Market Stack APIs to get data from 70+ stock exchanges across the world.

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

- Built a responsive Instagram Clone web application using **React.js**. Used **Node.js** to create backend APIs.
- Implemented JWT based authentication, sending email features etc. Deployed the app to Heroku.

CERTIFICATIONS AND AWARDS

- **Certified JAVA Developer – Diploma in JAVA** from Manipal Institute of Computer Education (MICE).
- Completed **Angular with Node.js Certification** training from Edureka.
- Awarded with **INSTA Award** by the 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).