# Nikhila Yeturi

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"*To gain experience in the field of Information technology and provide my best with the skills to the society*"

## EDUCATION

**Keshav Memorial Institute of Technology -** B.Tech in Computer Science and Engineering          **August** 2021

**Indian Institute of Technology, Madras -** B.Sc in Data Science (Online)

## TECHNICAL SKILLS

**Programming Languages:** C, C++, Java, Python, Bash Scripting, R, C#.

**Database Management:** SQL Server 2008, MySQL, MongoDB.

**Specializations:** Full Stack Development, Cloud Computing, Machine Learning, Deep Learning, Software Automation with selenium, Test-Complete suite, .NET core, Cyber Security, React Native, Android App Development through kotlin.

## PROFESSIONAL EXPERIENCE

**Associate Software Engineer at Optum global Solutions** | *Hyderabad, India* **July 2021– present**

- Gaining a lot of knowledge on Full stack Development and worked on more than 4 projects till date.
- Worked primarily on .NET core APIs, Angular JS, MSSQL, React JS and few Testing tools, languages like Postman, ReadyAPI and XUnit. This helped me concentrate on earning a professional certificate for Full Stack Engineer.
- Earned important skills like Time Management and punctuality and Worked as a Scrum Master for four sprints in a project and handled the work status of every employee in my team of 11 individuals.

**CVIT Fellow, IIIT Hyderabad** | *Hyderabad, India* **Aug 2021– Sept 2021**

- Gained a lot of knowledge in the fields of Computer vision and Artificial Intelligence
- Explored more about Neural Networks, Transformers, BERT and studied a lot of research papers.
- Gained knowledge along with a lot of researchers and Ph.D scholars of various reputed institutes of India and earned a certificate at the end of the program

**Intern at OpenText Technologies, Pvt. Ltd.** | *Hyderabad, India* **March 2021– July 2021**

- Exposed to the field of Software Development and Automation
- Worked on a project based on JAVA and automated it through Selenium and got it deployed.
- Worked on various online platform developments like Cathy Pacific, etc. and gained certificate at the end of the internship.

**Teaching Assistant at Coding Ninjas** | *New delhi(Remote), India* **Nov 2020– March 2021**

- Solved doubts of JAVA Data Structures and Algorithms of people who are enrolled in the Coding Ninjas platform.
- An outstanding performance of solving 781 doubts in 100 days and secured an average rating of 4.71 overall.
- Earned recognition from the CEO Ankush Shukla and got Acknowledged for the work done.

**Mentee for Pre-Education Program by EPAM** | *Hyderabad, India* **Jan 2020– June 2020**

- Worked on a lot of software development skills and finished 8 projects in 12 weeks successfully
- Skills like Automation, Software Development life cycle, Multi-threading, JavaScript and Database, etc.
- Earned a Professional Certificate on Software Development Skills

**Intern at Verzeo for Machine Learning**| *Hyderabad, India* **June 2019– Sept 2019**

- Worked with Microsoft Professionals and learning basic machine learning algorithms and libraries.
- Finished a project which involves face recognition and volunteered as Campus Ambassador for the company.

- Earned a Microsoft Technology Associate certificate on Machine Learning through this internship

**Intern at a Start-up (Mama App by Alumni) |** *Hyderabad, India* **April 2019– Nov 2019**

- Worked on gathering all the data about career related issues for different groups like Computer science, Electrical, Civil, etc.
- Took in-charge of technical side of the app for more than 3 months and gained knowledge in the fields of web development.

## RESEARCH BACKGROUND

- Worked under Head of the department of Artificial Intelligence for the project of detecting objects using YOLOv3
- Opened a community of my own in the college for research and development in the various interested fields (specifically Machine Learning concepts like Transformers, Neural Networks and merging technologies like Deep Learning, Web Development and Medical field)
- Worked along with various professors in IIITH about various Research papers on Healthcare with Artificial Intelligence
- Worked with seniors about various penetration testing methodologies for hacking websites that has strong firewall.

## PROJECTS

- Facial Emotion Recognition using Machine Learning
- Suicide Analysis with Machine Learning
- Music Recommendations using Machine Learning
- Chatroom in python with socket
- Interactive discord bot which plays audio with provided link
- Sentiment Analysis with Natural Language Processing
- Identifying Breast Cancer using Machine Learning
- Crime awareness chatbot
- Olivia App for Women with ADHD (Freelance project with SheDevops team from Spain)
- Zeon Quest app for Socializing (Freelance New York)

## ACTIVITIES

- Attended various workshops on ethical hacking, data science in IIT Hyderabad and BITS pilani, Hyderabad campus.
- Participated in 24-hour hackathon conducted by IEEE (IEEEXtreme 13.0) and Excelero.
- Volunteered as counsellor at girls' high school at maganur, mahaboobnagar to teach critical knowledge and life-skills to adolescent young girls.
- Mentored and volunteered as a field coordinator at Government High School, Galbalguda, Hyderabad for providing knowledge on how to lead a better life with less facilities to 10$^{th}$ standard kids and provided them library and sports kit with the fund I raised.
- Participated in web-casting for Lok-Sabha election duty in 2019.

## COMMUNITIES

Girls who code, PyLadies, IBM Data Science, AI, Cloud Computing and cyber security communities, Women who Code, IEEE, Google Developers Group Hyderabad, Kalam Bharat, Voice4Girls

## LICENSES AND CERTIFICATIONS

- Deep Learning Specialization by deeplearning.ai
- Python by Cambridge Certification Authority
- Cloud-computing by Google
- Advanced Python by IIT Madras.
- EPAM Pre-Education Program certificate
- Certificate for being a Teaching Assistant at Coding Ninjas
- Introduction to Cyber Security by Cisco.
- Microsoft Technology Associate (MTA) certificate for python issued by Verzeo in collaboration with Microsoft.
- Student Intern at Verzeo for Machine Learning course.
- Voice 4 Girls counselor certificate for counseling adolescent young girls.
- Yuva-Thirang Kalam Centre volunteer certificate.
- Test Complete Certificate by Smart Bear