

Sankar Mantripragada

Software Engineer

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OBJECTIVE

A dedicated software engineer with experience in multiple programming languages and cloud services, seeking to leverage my technical and professional expertise to grow in the role of a Software Engineer at a product-based company.

EXPERIENCE

Software Engineer II
Microsoft 02/2023 - Present
Hyderabad, India

Software Engineer
Microsoft 07/2020 - 02/2023
Hyderabad, India

Software Developer Intern
Microsoft 05/2019 - 10/2019
Hyderabad, India

At Microsoft, my roles involved designing, developing, and maintaining software applications. I have worked on both front-end and back-end development, and have gained extensive experience in cloud services like Microsoft Azure. I was also responsible for collaborating with cross-functional teams, understanding client requirements, and delivering high-quality solutions.

Research Intern
Datafoundry.ai 10/2019 - 06/2020
Chennai, India

- Participated in a cutting-edge project predicting adverse drug reactions, leveraging my technical knowledge and team collaboration skills.
- Primarily utilized Convolutional Neural Networks (CNNs), implementing them through the Python Keras library to analyse and process data.
- Collaborated effectively within a team setting, working under the supervision of Prof. Masilamani from IIITDM Kancheepuram.
- Authored a research paper titled "Prediction of Adverse Drug Reactions Using Drug Convolutional Neural Networks", highlighting our key findings and results.
- The paper was published in the Journal of Bioinformatics and Computational Biology in 2021. DOI: <https://doi.org/10.1142/S0219720020500468>.
- Engaged in fruitful interactions with multiple industry experts at Datafoundry, enhancing my knowledge base and providing me with invaluable insights into the AI industry.

Research Intern
IIIT Hyderabad 05/2018 - 06/2018
Hyderabad, India

- Conducted a study on the discrete logarithm problem, improving understanding of computational number theory and cryptography.
- Gained experience in various aspects of research methodology, honing analytical thinking and problem-solving skills.

EDUCATION

B.Tech(Hons), Computer Engineering
IIITDM Kancheepuram 06/2016 - 06/2020
Chennai, India

LANGUAGES

Telugu - Native English - Proficient
Hindi - Intermediate



STRENGTHS

🧩 Versatility and Adaptability

Quickly learn new technologies and excel in diverse programming languages, cloud services, and domains

🏠 Technical Proficiency

Hands-on experience in software development at scale.

🔍 Research & Analytical Skills

Strong aptitude for research, analysis, and effective communication as demonstrated by successful completion of research internships and publication of a research paper in a reputable journal.

SKILLS

- Dotnet (C#)
- Object Oriented Programming
- Microsoft Azure
- C++
- Python
- React
- Angular
- Artificial Intelligence

ACHIEVEMENTS

- 🏆 Secured 1st position in SSN Coding Cup contest at SSN college, Chennai, March 2018.
- 🏆 Secured 2nd position in Onsite Programming Contest (OSPC) at College of Engineering, Guindy, Chennai, March 2018.
- 🏠 Represented the college in ACM-ICPC regionals for 2 consecutive years.
- 📖 Secured All India 613th Rank in Gate examination in 2021.