

# Purushothama Datta Thota

**LinkedIn:** [/purushothama-datta](#) | **GitHub:** [/Datta-thota](#) | **Email:** <mailto:dattathota988@gmail.com> | **Phone:** 9100604721

## CAREER OBJECTIVE

To leverage my expertise in software development and Machine Learning to develop innovative solutions, drive impactful results, and advance professionally through continuous learning.

## INTERNSHIP

### Machine Learning Student Intern

May 2024 – Jun 2024

#### Smart Internz

Hyderabad, India (Remote)

- Gained proficiency in Machine Learning techniques, including data preprocessing, model building, and algorithm optimization.
- Developed predictive models and analyzed datasets using Python, TensorFlow, and scikit-learn.
- Focused on applying AI principles to deliver data-driven solutions.

#### Outcome:

- Built predictive models and optimized algorithms, demonstrating hands-on experience in Python, TensorFlow, and scikit-learn.
- Enhanced model accuracy and performance by implementing best practices.

## EDUCATION

Qualification	Institution	Duration	Score/CGPA
Bachelor of Technology (IT)	Seshadri Rao Gudlavalleru Engineering College	Oct 2022 – Present	8.85/10 CGPA
Intermediate (MPC Stream)	Sri Chaithanya Junior College	Jun 2020 – Apr 2022	92.4%

## PROJECTS

### Beyond CAPTCHA:

Sep 2024 – Nov 2024

- Developed an ML-based alternative to traditional CAPTCHA systems using behavioral biometrics.
- Built the frontend with HTML, CSS, and React.js; integrated ML models with Python.
- Utilized user behavior patterns (mouse dynamics, typing, touchscreen) for bot detection.
- Achieved a secure and seamless user experience.

### The Inexpen Pharma:

May 2024 – Sep 2024

- Created a user-friendly e-commerce platform to promote access to affordable generic medicines.
- Used React.js for frontend, Figma for UI/UX design, and SQL for database management.
- Supported healthcare accessibility through tech-driven solutions..

## SKILLS

- Languages:** Python, Java, JavaScript
- Web:** HTML, CSS, React.js
- Databases:** MongoDB, SQL, MySQL
- Tools:** Figma, Power BI, Git, GitHub
- Areas:** Full-Stack Development, Machine Learning

## CERTIFICATIONS

- |  |          |
|--|----------|
| • CS50's Introduction to programming with Python by HarvardX | Jun 2024 |
| • Python for Data science                                    | Mar 2024 |
| • Python Basics for data Science by IBM                      | May 2024 |

## LEADERSHIP & EXTRACURRICULARS

- Chairperson, ACM Student Chapter – led technical events and workshops impacting 100+ participants.
- Class Representative – acted as liaison between students and faculty, promoting academic collaboration.
- Led a team of 10+ members to foster innovation in computing and student engagement.