

# Vyshnavi Kunapareddy

## Software Developer

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Adaptable Python developer with 1+ years of hands-on experience in software development. Well-versed in machine learning, database management, and building scalable solutions. Passionate about leveraging technical expertise to drive success within a collaborative team environment.

## Experience

### Software Developer | Product

*Algonox Technologies / Sep 2023 - Present*

- Developed a feature which uses machine learning models integrated to perform key functionality of product - extraction, Published the developed feature as a microservice, contributing to the product's modular architecture, This feature improved the functionality performance from 50% to 75%.
- Conducted extensive data training and preparation to support model development.
- Coordinated with databases, writing Python scripts for data migration between MSSQL and PostgreSQL.
- Designed a robust, generic data migration script that efficiently transformed and migrated approximately 600 million records into PostgreSQL.
- Improved database performance by optimizing queries through a thorough analysis of database logs.
- Developed and maintained microservices and Docker-based applications, along with Lambda-based solutions to support scalable architectures.
- Demonstrated proficiency in testing Lambda functions and containerized applications using tools like PuTTY, Termius, Postman and AWS.
- Utilized Linux commands effectively, while building foundational knowledge in AWS services, Docker, and Camunda workflow management.
- Trained team members on key product features, empowering them to independently maintain and support the functionality.
- Ensured clear and comprehensive documentation of code for better understanding, ease of maintenance, and seamless collaboration across teams.

### Software Developer | Intern

*Algonox Technologies / Feb 2023 - Sep 2023*

- Designed and coded APIs to implement key features for the product.
- Successfully developed and integrated a text classification feature that identifies the type of page within a PDF, streamlining the PDF processing workflow.
- Utilized Python libraries such as Pandas, NumPy, and Scikit-learn for data manipulation and analysis.
- Involved in comprehensive data preparation, gathering, and cleaning to support the page detection feature.

## Skills

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|-----------------------------|-----------------------|--------------------------|
| • Python                    | • Data Science        | • Team Collaboration     |
| • SQL- MSSQL, PostgreSQL    | • Git, Github, Gitlab | • Solution Design        |
| • Machine Learning          | • Termius, PuTTY      | • Adaptability           |
| • Docker                    | • Linux Cmd           | • Communication          |
| • Camunda BPMN              | • API Testing         | • Time Management        |
| • AWS                       | • Debugging           | • Ownership & Initiative |
| • Microservice Architecture | • Code Documentation  | • Mentorship             |

## Education

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### B.Tech - CSE - 8.5 CGPA

2019-2023

- **International Institute of Information Technology (IIIT) - Nuzvid**
  - Content Writer for the Campus Magazine, contributing to the creation and curation of engaging articles.
  - Active member of the CSE Club, involved in organizing and volunteering for various campus events and student activities.

### PUC - 8.2 CGPA

2017-2019

- **International Institute of Information Technology (IIIT) - Nuzvid**
  - Completed Basha Praveena by Dakshin Bharat Hindi Prachar Sabha

### SSC - 10.0 GPA

2017

- **GDETC High School**
  - Active participant of various school activities

## Additional Information

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- **Languages:** English, Hindi, Telugu.
- **Certifications:** AWS Cloud Foundations.