

# Gaurav Ashish Surapuraju

[surapurajua@gmail.com](mailto:surapurajua@gmail.com) | +1(757)524-9984, Yorktown, VA-23693| [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## Education

<b>Purdue University, Fort Wayne, IN</b> B.Sc. in Computer Science(Artificial intelligence and Web Development)   <b>GPA: 3.25</b>	Expected Graduation: May. 2025
<b>Tabb High School, Yorktown, VA</b> <b>GPA: 3.72</b>	Graduation date: May. 2020

## Experience

<b>Central Mutual Insurance, Van Wert, OH</b>	Aug. 2024 - Present
---	---------------------

### Software / AI Intern

- Developed and deployed machine learning algorithms to detect image alterations in insurance claims, improving reliability and maintainability.
- Presented designs and progress in stand-ups to foster team collaboration and align goals within the team.
- Collected and trained an AI model with 20,000+ images for fraud detection, enhancing performance and quality.

<b>Purdue University, Fort Wayne, IN</b>	Jan. 2022 - Present
--	---------------------

### Student Admission Representative

Collaborated in planning and executing major events, demonstrating strong communication and organizational skills. Led campus tours for prospective students and families, providing insightful information. Assisted at the front desk with inquiries, ensuring smooth operations and efficiency.

## Projects

<b>AI Skill Recommendation</b>	Jan 2024 - May 2024
--------------------------------	---------------------

- Applied NLP and machine learning to analyze occupations, job roles, and industry trends, generating personalized skill recommendations.
- Built a recommendation system that maps user data to relevant skills, qualifications, and salary insights, optimizing career advancement strategies.

<b>Flash Chat</b>	May 2024 - Jun 2024
-------------------	---------------------

- Developed a real-time chat application using Swift UI and Firebase, ensuring efficient communication, data storage, and secure authentication with Firebase Auth.
- Designed a responsive, user-friendly interface for seamless navigation and real-time chat functionality.

<b>AI Doctor</b>	Aug 2024 - Sep2024
------------------	--------------------

- Fine-tuned a pre-trained Llama2 model using Hugging Face tools and the Wikimedical Terms dataset to improve accuracy in medical query handling.
- Optimized and evaluated the model to ensure reliable performance in generating precise medical information.

## Leadership and Certifications

Dean's Honors List in ETCS, Purdue University	(2020-2023)
Vice President of Key Club, Tabb High School	(2018-2020)
Member of FBLA, Tabb High School	(2019-2020)
Microsoft Office Specialist Master Certification:	(2019)
Artificial Intelligence A-Z	(2024)

## Skills

<b>Programming Languages:</b> Python, Java, C++, JavaScript, C#, Ruby, PHP, Swift
<b>Frameworks and Libraries:</b> React, Angular, TensorFlow, PyTorch, Hugging Face Transformers, spaCy, NLTK, SQL, NoSQL
<b>Software Development:</b> DevOps, Git, GitHub, JIRA, Agile & Scrum methodologies
<b>Soft Skills:</b> Collaboration skills, Teamwork