

# SUHAS PALANI

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## SUMMARY

Creative and driven Computer Science professional specializing in software development, data analysis, and machine learning. Skilled in diverse technologies and programming languages, I have led impactful projects, developed real-time analytics dashboards, and engineered user-friendly applications. Acclaimed for hackathon wins and academic contributions, I excel in problem-solving and effective communication. Passionate about leveraging technology for transformative results and dedicated to continuous learning and innovation.

## EDUCATION

Illinois Institute of Technology, Chicago, IL May 2025  
**Master of Science, Computer Science, GPA 3.50**

Global Academy of Technology, Bengaluru, India Jul 2023  
**Bachelor of Engineering, Computer Science, VTU, GPA 3.60**

## SKILLS

- **OPERATING SYSTEMS:** Windows | Linux | Mac
- **LANGUAGES:** Python | C/C++ | Shell-Scripting | HTML | CSS | JavaScript
- **TECHNOLOGY:** Django | Flask | React | React Native | Node.js | SQL | AWS | Redis | Google Firebase | DBT Labs
- **CLOUD TOOLS:** Docker | Snowflake | Kubernetes | Git & GitHub | Jenkins | Unix | Ansible | Google Firebase |
- **TOOLS:** Visual Studio Code | UiPath | PostgreSQL | Postman | MongoDB | TensorFlow | Keras | Pandas | NumPy
- **Interpersonal Skills:** Project Management | Time Management | Problem-Solving | Effective Communication | Leadership | Innovation | Collaboration | Adaptability | Attention to Detail | Continuous Learning

## PROFESSIONAL EXPERIENCE

### FULL STACK WEB DEVELOPER

Varcons' Tech Pvt Ltd, INDIA Aug 2022 - Sept 2022

- Designed and integrated seamless coordination between front-end (HTML, CSS, JavaScript) and back-end (Django) technologies, optimizing online application responsiveness and slashing development time by 15%.
- Developed an innovative framework for an online tea selling platform, implementing optimizations boosted website speed by 20% and greatly enhanced user experience.

### CHAT-BOT DEVELOPER

VOIS for Tech University Engagement, INDIA JUL 2022 - Sept 2022

- Engineered a user-friendly website chatbot, employing machine learning algorithms for enhanced interaction. Achieved a 30% increase in user engagement through optimization.
- Integrated dialer gateway with machine learning tools, streamlining communication processes. Implemented efficiency enhancements, resulting in a 20% reduction in response time for automated interactions.

## PERSONAL PROJECTS

### AIRBNB DATA PIPELINE OPTIMIZATION

Jun 2024 – Jul 2024

- Implemented a comprehensive data transformation pipeline using DBT(Data Build Tool), ensuring clean, consistent datasets for analytics, and designed dimensional and fact models in Snowflake to enhance query performance and data accessibility.
- Automated the ETL process for importing raw data into Snowflake, reducing manual processing time by 50%, and implemented rigorous testing strategies to ensure data quality and integrity for business intelligence reports.

### SUMMARIZE

Apr 2024 – Apr 2024

- Led development of SummarAIze's advanced front-end, seamlessly integrating content curation, summarization, and multi-channel access for sub-8-second content generation, enhancing user engagement.
- Championed user-centric design at OraHacks, crafting an intuitive user experience that drove adoption, satisfaction, and achieved rapid victory through innovative collaboration in just 2 days.

### API CONTRACT TESTING TOOL FOR MICROSERVICES

Sep 2022 - Apr 2023

- Championed an advanced web-based API contract testing tool, featuring a visually appealing interface and real-time contract generation. Obtained a 30% reduction in contract creation time and boosted user satisfaction by 20%.
- Engineered an innovative API testing tool with a captivating UI, resulting in a remarkable 45% surge in user engagement, showcasing a perfect blend of functionality and aesthetic appeal.

## HONORS AND ACHIEVEMENTS

- Honored as the winning team at the prestigious OraHacks Hackathon, hosted by Drive Capital. Apr 2024
- 'API Contract Driven Testing' at International Conference on Advanced Engineering and Technology. Apr 2023
- Awarded Outstanding Contribution from the Department of Computer Science and Engineering. Jun 2022
- Participation in the VTU Youth Fest in the Music and Cultural categories at the Inter-College Fest. Oct 2019