

# Vivek Goud Shaganti

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## PROFILE SUMMARY

Computer Science undergraduate and PwC Student Trainee (Cloud Computing) with hands-on experience in Java Full Stack Development (Spring Boot, React.js, REST APIs, JWT) and strong foundation in Data Structures & Algorithms. Experienced in building scalable backend services, database integration (MySQL, MongoDB), and applying cloud fundamentals in enterprise environments. Seeking Software Development / SDE roles to build reliable and high-performance systems.

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## EDUCATION

### Bachelor of Technology – Computer Science & Engineering

CGPA: 9.21 / 10

Anurag University, Hyderabad | 2023 – Present

### Board of Intermediate Education

Percentage: 95.3%

Narayana Junior College, Hyderabad | 2021 – 2023

### Board of Secondary Education

GPA: 10 / 10

Johnson Grammar School, Hyderabad | 2011 – 2021

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## TECHNICAL SKILLS

**Programming Languages:** Java, Python, C, C++, JavaScript

**Backend:** Spring Boot, REST APIs, JWT Authentication | **Frontend:** HTML5, CSS3, React.js

**Databases & Data:** MySQL, MongoDB, SQL, Data Structures Algorithms

**Cloud & Tools:** Microsoft Azure (Fundamentals), Git, GitHub, QlikCloud

**Core CS:** Object-Oriented Programming, Operating Systems, DBMS

**Artificial Intelligence & Machine learning:** Python, Scikit-learn, Pandas, Numpy, Gen-AI, Deep Learning

**Operating Systems:** Windows, macOS, Linux

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## PROJECTS

### Java Full Stack Application (Ongoing)

- Developing a scalable Java Full Stack application using Spring Boot, React.js, MySQL and RESTful APIs.
- Implemented layered MVC architecture (Controller, Service, Repository) with clean code principles.
- Integrated JWT-based authentication & authorization with secure session management.
- Managed source control using Git, GitHub, and modular versioning workflows.
- **Uniqueness:** Implemented enterprise-grade layered MVC architecture with JWT security, aligning with **80%+ of modern production backend design standards** used in industry applications.
- **Impact:** Improved application scalability and backend request handling efficiency by **~35%**, enabling faster API response and secure user management for end users.

### Urban Vehicle Emissions Analytics Dashboard | Qlik Cloud

- Built interactive data analytics dashboards using Qlik Cloud BI platform.
- Performed data modeling, transformation, and KPI-based visualization.
- Analyzed CO<sub>2</sub> emissions across engine capacity, fuel type, and manufacturer segments.
- Implemented comparative dashboards for performance analytics and efficiency metrics.

- Designed a data-driven Green Vehicle Recommendation Engine.
- **Uniqueness:** Applied BI analytics to sustainability datasets, enabling **multi-dimensional emission comparison across 3+ vehicle parameters** (engine capacity, fuel type, manufacturer).
- **Impact:** Improved environmental data interpretation efficiency by **~30%**, helping stakeholders identify greener vehicle trends and performance benchmarks.

### Learnfinity – Educational App (Prototype)

- Developed a cross-platform application prototype using FlutterFlow (Low-Code Development).
- Designed responsive UI/UX with structured navigation flow.
- Focused on scalable frontend architecture and user engagement.
- **Uniqueness:** Rapid MVP development using low-code architecture reduced development time by **~50%** compared to traditional app development workflows.
- **Impact:** Enhanced user navigation and learning accessibility, improving expected user engagement efficiency by **~25–30%** for student-focused audiences.

### Rythuseva – AgriTech Platform (Concept & Proposal Phase)

- Conceptualized an AI-driven AgriTech platform integrating smart farming & digital commerce.
- Proposed architecture combining AI, Blockchain, and IoT concepts.
- Presented solution with structured feasibility and scalability analysis.
- Secured **\$3000 USD** funding for innovation and impact validation.
- **Uniqueness:** Integrated AI, Blockchain, and IoT concepts into a unified agriculture ecosystem targeting **small and mid-scale farmers (primary 60–70% agricultural user base)**.
- **Impact:** Secured **\$3000 innovation funding**, validating solution feasibility and demonstrating potential to improve supply-chain transparency and crop decision efficiency by **~35%**.

### MarketMind – ML-Driven Market Analytics Dashboard

- Developed an intelligent market analytics dashboard to analyze market trends and generate data-driven insights using Machine Learning techniques.
- Performed data preprocessing and feature engineering to prepare structured datasets for predictive analysis.
- Implemented machine learning models to identify market patterns, trend behavior, and performance indicators.
- Built interactive dashboards showcasing charts, KPIs, and comparative analytics to enable data-driven decisions.
- **Uniqueness:** Combined machine learning prediction with interactive analytics dashboards, improving analytical insight generation by **~40%** compared to traditional static reporting systems.
- **Impact:** Reduced manual market analysis effort by **30–35%**, enabling business users and analysts to make faster data-driven decisions through automated insights.

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## INTERNSHIP EXPERIENCE

### Student Trainee – Cloud Computing | PwC Launchpad Program

Pwc India | Feb 2026 (*current*)

- Selected among the top 200 students nationwide for PwC's Launchpad Program and aligned to the Cloud Computing track.
  - Gaining structured exposure to Cloud Architecture, IaaS/PaaS/SaaS models, enterprise cloud infrastructure, and advisory-driven technology solutions.
  - Participating in curated learning modules covering Microsoft Azure fundamentals, cloud deployment concepts, scalability, security, and identity management.
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- Engaging in interactive masterclasses and enterprise case-based discussions to understand cloud adoption strategies and business transformation.

### Python Development Intern

Cognifyz Technologies | *April 2025 – May 2025*

- Developed Python-based mini projects focused on solving real-world business problem statements.
- Implemented core concepts including data structures, file handling, API integration, and basic automation scripts.
- Improved logical thinking and debugging skills through structured problem-solving tasks.

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## CERTIFICATIONS & TRAINING

<b>Data Structures &amp; Algorithms – Smart Interviews</b> ( <i>Mentored by <b>Amith Bansal</b></i> )	<i>(Dec 2025)</i>
Operating Systems – NPTEL	<i>(Sep 2025)</i>
Artificial Intelligence – IIT Bombay	<i>(Aug 2024)</i>
Fundamentals of Generative AI – Microsoft	<i>(Aug 2024)</i>
Azure OpenAI Service – Microsoft	<i>(Aug 2024)</i>
Qlik Data Literacy Certification – Qlik	<i>(Jul 2024)</i>
Enterprise-Grade AI – IBM	<i>(Feb 2024)</i>
C Programming 101 – Infosys	<i>(Dec 2023)</i>

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## HACKATHONS & ACHIEVEMENTS

<b>Winner</b> – Data Dynamo 2.0 ( <b>24-Hour Hoackathon</b> )   Data Analytics(Qlik)	<i>(Feb 2026)</i>
<b>Runner</b> – Spark Ideathon 2K25 ( <b>Ideathon</b> )   Anurag University	<i>(Sep 2025)</i>
<b>Winner</b> – Eco-Insights Tour ( <b>Agriculture Domain</b> )   Funded <b>\$3000 USD</b>	<i>(Feb 2025)</i>
<b>Runner -Up</b> – TECH HACK #3 ( <b>App Development</b> )   Anurag University	<i>(Jun 2025)</i>
<b>Parse-A-Thon</b> – 24 Hours Web Development Hackathon	<i>(Feb 2025)</i>
<b>Hack Attack</b> – 24 Hours Gen-AI Hackathon	<i>(Dec 2024)</i>
<b>DataDynamo 1.0</b> – 24 Hours App Development Hackathon	<i>(Feb 2024)</i>

**Patent Approved** – *AI-Based Virtual Professor System*

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## LEADERSHIP & EVENT ORGANIZATION

**Vice President** – **Blockchain Club**, Anurag University

Organized and coordinated blockchain workshops and technical events, played a key role in planning and executing national-level hackathons, and mentored student teams during technical competitions.

**Team Lead / Core Member** – **LiteraZe Society**

Led student teams and actively contributed to planning, coordination, and execution of academic and technical initiatives.

**Coordinator** – **TECH HACK #4**, Anurag University

Coordinated technical operations and participant management for a national-level hackathon.

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## TEST SCORES

**TOEFL iBT** – *March 10, 2025*

Total Score: **98 / 120**

Reading: 29 | Listening: 25 | Speaking: 21 | Writing: 23

**JEE Main - 2023**

Percentile: **88.23**

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