LIKITH HM

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GitHub | LinkedIn

Professional Summary

Computer Science Engineering student with expertise in **Java, Python, Full-Stack Development, Database management and DevOps**. Proven ability to develop scalable applications, optimize system performance, and deploy cloud-based solutions. Experience working with **Java, Python, React, Django, SQL, Git and AWS**. Passionate about **solving real-world problems** through technology and innovation.

Skills & Technologies

- **Programming:** Python, Java, C++, SQL
- **Web Development:** React.js, Node.js, Django, Spring Boot
- **DevOps & Cloud:** AWS, Docker, Kubernetes, CI/CD (Jenkins, GitHub Actions)
- **Database:** SQL, MongoDB
- **Tools:** Git, Linux, VS Code, OpenGL, MS Office, Excel
- **Soft Skills:** Leadership, Analytical Thinking, Problem-Solving, Asset Management

Education

Bachelor of Engineering, Computer Science Engineering
Sri Krishna Institute of Technology, Bangalore
Graduated : May 2025 | **CGPA:** 7.5

Pre-University Course (PUC), Science
Schoenstatt St. Mary's PU College, Bangalore
Graduated: 2021 | **Percentage:** 79%

Secondary School Education
St. Mary's High School, Bangalore
Graduated: 2019 | **Percentage:** 85%

Experience

VN Enterprises – Software Developer **Dec 2023 – Present**

- Developed internal inventory management tools, improving operational efficiency by **40%.**
- Built an order-tracking system that reduced manual errors **by over 75%,** increasing delivery accuracy.
- Assisted in **client onboarding, project documentation, and testing**, helping reduce bug reports by **60%.**

SKIT – Python Intern **Oct 2023 – Nov 2023**

- Designed Python automation scripts to process large data sets, cutting manual data handling time by **50%**.
- Developed AI-based models for student analytics, increasing data insight accuracy by **30%**.
- Delivered scripts for internal academic reports, saving **4+ hours/week** for faculty teams.

RVCE – Python & Sensor Intern **Oct 2022 – Nov 2022**

- Engineered an IoT-based smart irrigation system that decreased water usage by 20%, reducing costs for test farms.
- Programmed real-time sensor communication between Raspberry Pi and Arduino to enable auto-irrigation logic.
- Led hardware integration and field testing, achieving **95% sensor accuracy** during simulations.

Projects

- **Healthcare Analysis System (Python, Django, React.js, SQL) :** Developed a **full-stack healthcare system** with a **Symptom Analyzer & Medicine Booking** Improved **healthcare accessibility for 500+ users** by enabling real-time symptom tracking.
- **Smart Drip Irrigation (Python, IoT, Sensors) :** Designed an **automated irrigation system** with **real-time moisture monitoring**, reducing water wastage by **30%**.
- **AI-Powered Time Series Forecasting (Python, Machine Learning) :** Built a **predictive model** for business analytics, improving **forecasting accuracy by 35%**.
- **Resort Management System (HTML, CSS, JavaScript, SQL) :** Developed a **booking and revenue management platform** for resorts, streamlining customer reservations.
- **OpenGL Aquarium (Graphics Project) (C++, OpenGL) :** Created a **2D marine life simulation**, demonstrating **graphics programming**.
- **Attendance System with Face Recognition –** Automated attendance tracking **using Python and OpenCV** with 90%+ accuracy.

Achievements & Certifications

- Won coding and e-sports competitions; excelled in cricket & volleyball, demonstrating problem-solving, teamwork, leadership, and algorithmic thinking skills.

Certifications:

- **Python Programming – Oct 2023** (Core Python, automation scripts)
- **DevOps – Jan 2025** (CI/CD, Docker, Kubernetes, AWS)
- **Web Development & Design – Aug 2023** (Frontend & Backend: HTML, CSS, JavaScript, Django)
- **Digital Marketing – Feb 2022** (SEO, Social Media, Online Advertising)
- **Artificial Intelligence – Jan 2024** (Machine Learning fundamentals, AI model building, and deployment)

Languages

English | Kannada | Hindi