

KOMMA SASI KUMAR YADAV

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[LinkedIn](#) | [Portfolio](#): <https://sasi-portofolio.vercel.app> | [GitHub](#)

EDUCATION

VIT BHOPAL UNIVERSITY

Bachelor of Technology (B-Tech)

Major in Computer Science

CGPA: 8.15/10.0 | Dean's List: 2024-2025.

Bhopal, MP

May 2026(Expected)

TECHNICAL SKILLS: Python, Java, SQL | Django, React Native, OpenCV | MySQL, Firebase | Git, GitHub.

WORK EXPERIENCE

SOFTWARE DEVELOPMENT INTERN | VTOBA SOFTWARE PVT.LTD. [[Link](#)]

Hyderabad, IND

Mobile App Developer | UserNotifier Project

Nov 2024 - Dec 2024

- Built road safety mobile app using **React Native**, **TypeScript**, Expo, and Node.js, deployed for 500+ active users across Android and iOS.
- Resolved **15+ high-priority bugs** and implemented **3 new features**, including Google Maps API integration for optimized route navigation.

WEB DEVELOPER | ZIDIO [[Link](#)]

Bengaluru, IND

Full Stack| Task Management Project

Nov 2024 - Dec 2024

- Developed **Authentication** and mobile-friendly **front-end** for a Task Management web app using **JavaScript**, **HTML5**, and **CSS3**, enabling secure **CRUD** operations for **100+ users**.
- Created interactive **analytics dashboard** using JavaScript to visualize user tasks, reducing task completion time by **40%**.

PROJECTS

MOVING OBJECT DETECTION [[Link](#)]

- Engineered an object detection model using OpenCV that achieved **85% accuracy** with background subtraction algorithms.
- Launched Flask web interface with analytics console processing **30 frames** per second with minimal latency.

SMART AGRICULTURE [[Link](#)]

- Designed full-stack platform with **predictive analytics** for soil health and crop yield forecasting for 200+ farmers.
- Integrated a pest control prediction model with **78% accuracy** and introduced an e-commerce module for agricultural products.

E-COMMERCE PRODUCT RECOMMENDER [[Link](#)]

- Programmed content-based recommendation engine using TF-IDF vectorization and cosine similarity with **82% accuracy**.
- Optimized a Flask REST API for model deployment, cutting response time to **0.5 seconds** per query.

LEADERSHIP & ACTIVITIES

PROJECT TEAM LEAD | EPICS PROGRAM, VIT BHOPAL UNIVERSITY

Bhopal, MP

Sep 2022 - Present

- Directed a **10-student** engineering team through the complete software-development life cycle for Smart Agriculture and UserNotifier, scoring **above 90** on every evaluation
- Mentored more than **five developers** in Django, React Native, and Agile methods, raising team productivity by 30 percent
- Coordinated technical execution and successful deployment of 3+ projects, conducting code reviews and daily stand-ups

HACKATHONS & TECHNICAL COMPETITIONS

- **Road Safety Hackathon** – Developed mobile application for real-time traffic alerts and route optimization
- **CodeStorm 2025** – Solved complex algorithmic challenges in competitive programming environment
- **EY Techathon 6.0** – Built enterprise technology solutions addressing real-world business problems
- **TVS Credit E.P.I.C 7.0** – Competed in Analytics Challenge (data-driven insights) and IT Challenge (technical implementation)

ACCOMPLISHMENTS

Languages: Telugu (Native), Hindi (**Fluent**), English (**Professional Working**).

Certifications ([Link](#)):

- Full Stack Developer (MERN) - **SmartInternz**
- MERN Full Stack Certification - **Ethnus**
- Equity Markets Analyst - **Finlatics**