

# TONY BASKAR Y

Software Developer | Full Stack Developer | Python Developer

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## PROFESSIONAL SUMMARY

Results-driven Software Developer with hands-on expertise in Python, Full Stack Web Development, and Computer Vision. Proven ability to build real-world applications, lead technical teams, debug complex systems, and deliver production-ready software. Passionate about clean code, efficient architectures, and impactful development.

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, PHP, C, SQL, PL/SQL

**Web & Databases:** HTML5, CSS3, Bootstrap, AJAX, React.js (Basics), MySQL

**AI / CV:** OpenCV, MediaPipe — gesture recognition, real-time CV pipelines

**Tools:** Git, VS Code, Figma, Android Studio, Canva, MS Office

## PROFESSIONAL EXPERIENCE

**Technical Trainer & Trainer Lead** — *KGiSL Million Genius Coders*

- ▶ Delivered hands-on software development training in Python, Java, HTML, CSS, and JavaScript; guided students through real-time project development, debugging, and application deployment.
- ▶ Led trainer coordination, batch management, and technical QA — enforcing coding standards and ensuring consistent, measurable outcomes across all cohorts.

**Resource Person — National Level Figma Workshop** — *Sacred Heart College, Tirupattur | Feb 2026*

- ▶ Conducted expert sessions on UI/UX design, Figma prototyping, and wireframing for 100+ participants, emphasizing modern web design and user-centered product thinking.

## SOFTWARE PROJECTS

**AI-Based Volume Control** | *Python, OpenCV, MediaPipe*

- ▶ Built a real-time gesture-controlled system volume application using hand landmark detection — optimized for low-latency inference across varying lighting conditions.

**Mark Entry System** | *HTML5, CSS3, JavaScript, PHP, MySQL*

- ▶ Engineered a responsive full-stack academic management platform with CRUD operations, dynamic data validation, and normalized relational database schema.

**Freelance Web Services Platform** | *Full Stack*

- ▶ Designed and deployed a full-stack service management platform for freelance business operations, integrating dynamic front-end UI with server-side logic and database-driven content.

## EDUCATION

**MCA (Pursuing)** — Indira Gandhi National Open University (IGNOU)

**B.Sc. Computer Science** — Sacred Heart College (Autonomous) | CGPA: 8.57 | 93% Final Semester | 100/100 Practicals | LIC Best Student Award

## CERTIFICATIONS & ACHIEVEMENTS

### Certifications:

- NPTEL — Programming in Java (Elite + Silver | Top 5%)
- Full Stack Development — Sacred Heart College
- Selenium Automation Using Java — GeeksforGeeks
- Mobile Application Development — Sacred Heart College

### Achievements:

- 1st Place — Java Debugging, National Level IT Symposium
- 1st Place — Wobbling Minds, BOS.CON 2K25
- 3rd Place — Code Blaster, KMG College of Arts and Science