

Tarun Nayaka R

Bangalore 560027 | Ph : +91 7483997976 | r.tarunnayaka25042005@gmail.com | [linkedin.com/in/tarun-nayaka-r-28612a27a/](https://www.linkedin.com/in/tarun-nayaka-r-28612a27a/) | github.com/Rtarun3606k

Professional Summary

Enthusiastic and detail-oriented Full Stack Web Developer with solid experience in backend and frontend technologies, cloud computing (GCP, Azure), and project management. Proven ability to build scalable web apps, lead tech events, and contribute to open-source communities. Certified in DP-900, AZ-900, Github Foundations and Microsoft Copilot for Security.

EXPERIENCE

Web Developer Intern ,Bharat Intern

Jan 2024 - Mar 2024 | Remote

Developed and optimized user-friendly web applications using JavaScript, HTML, CSS, Tailwind CSS, Flask, and Django. ● Contributed to front-end and back-end development, focusing on coding best practices, UI/UX design, and problem-solving. ● Utilized Git for version control, collaborating effectively with team members to streamline project workflows.

Web Developer Intern ,GAOTek Inc.

Jul 2024 - Oct 2024 | Remote

● Engaged in developing and maintaining web applications, focusing on both front-end and back-end ● Leveraged technologies such as Python, cloud infrastructure, and statistical data analysis to optimize web solutions. ● Contributed to e-commerce projects and program creation, gaining expertise in full-stack web development.

Software Development Intern , Bluestock (Fintech)

Jan 2025 – April 2025 | Remote

- Developed scalable APIs using Django REST Framework for financial services
- Collaborated on real-time data processing and secure user authentication modules
- Integrated frontend interfaces with secure, performance-optimized backend

Intern ,KudoAI

Aug 2024 - Present | Remote

- Engaging in technical writing, focusing on creating clear, concise documentation for AI-based products.
- Collaborating with cross-functional teams to ensure technical materials are accurate and accessible
- Gaining valuable experience in technical writing within the AI domain, while working remotely.

POSITIONS OF RESPONSIBILITY

LetsUpgrade | Dec 2023 - Mar 2024 | Remote

Spearheaded initiatives to promote tech education, organizing events and driving participation within the student community. ● Led cross-functional teams to manage tech programs, fostering leadership and collaboration. ● Played a key role in raising awareness about online tech courses, contributing to the academic growth of peers. .

Microsoft Learn Student Ambassador (MLSA)

Student Ambassador | Jan 2024 | Present

Community Building: Grew a community of 400+ participants by organizing technical workshops and

challenges. • **Workshops & Challenges:** Hosted events on Azure Fundamentals, Power Platform, Power Automate, GitHub, Python, and web app hosting on Azure. • **Event Management:** Executed large-scale technical events, including hands-on workshops. • **Reward Distribution:** Managed LinkedIn Premium voucher and certificate distribution for challenge winners. • **Collaboration & Support:** Coordinated with the MLSA program team for support and certificates; provided mentorship via group chats and WhatsApp.

Licenses and Certifications

- Microsoft Certified: Azure Data Fundamentals
- Microsoft Certified: Azure Fundamentals
- Generative Language Model
- Transformer Models and BERT
- GitHub Foundations
- Career Essentials in Generative AI
- Python Programming

Additional Courses

- Machine Learning Models
- Azure Bot Service
- Classification Models
- Data Analysis with Python
- Deep Learning Models
- Coursera IBM GenAI & ML Training

Skills

Languages: Python, JavaScript, C++, C, SQL, HTML, CSS, Dart, GO Lang

Frameworks: Django, Flask, React.js, Node.js, Express, Tailwind CSS, Bootstrap, Flutter, Next.js

Tools & Technologies: Git, Docker, REST APIs, Azure, Google Cloud, Firebase, Vertex AI studio, Azure Computer vision

Databases: PostgreSQL, MongoDB, Azure Cosmos DB, Cassandra DB

Data Analysis & Tools: Azure Cosmos DB, Data & AI, Automated Machine Learning

Deployment: Nginx, Apache, Docker, Cloud monitor and logging, Github Workflows

Other: Technical Writing, Cloud Deployment, Web Design

Projects

Full-Stack Image Processing and Classification Web Application

Technologies: React.js, Flask, PostgreSQL, OpenCV, YOLOv5, Docker, Azure

- Developed a web application that allows users to upload images, process them, and classify objects using the YOLOv5 engine.
- Frontend: Created a responsive UI with React.js, styled with CSS Modules and Tailwind CSS.
- Backend: Built with Flask, handling image processing with OpenCV and object detection with YOLOv5, integrated via Python's subprocess.
- Database: Utilized PostgreSQL with SQLAlchemy for managing image metadata and results.
- Deployment: Deployed using Docker containers on Azure, with CI/CD pipelines via GitHub Actions and Nginx for high traffic handling.

Automated Certificate Generation System

Technologies: Python, python-docx, pdfkit, SMTP, Microsoft Word Templates, PDF Processing

- Created an automated system to generate and email personalized certificates for MLSA events.
- Automation: Dynamically replaced placeholders in Word templates with participant data and converted them into PDFs.
- Email Dispatch: Managed mass email distribution via SMTP, streamlining certificate issuance for over 200 participants.
- Impact: Reduced manual workload and improved efficiency in event management.

WALKEZ – Infra and Road maintenance application

Technologies: Firebase, Vertex AI, Google Maps API, Python (Flask), Docker, Machine Learning, Gemini

Team Project: Google Developer Solution Challenge 2024

- Led the end-to-end development of a mobile application focused on pedestrian safety by detecting distracted walking behavior.
- **Full-stack Development:** Designed and implemented both frontend and backend systems using Flutter and Flask, ensuring seamless functionality across components.
- **AI Integration:** Leveraged Vertex AI to build and deploy real-time object detection models, enabling smart, context-aware alerts to users.
- **Cloud & DevOps:** Utilized Firebase for authentication and real-time database services; containerized backend APIs using

Docker for scalability. • **Mapping & Location:** Integrated Google Maps API to track user movement and provide location-based safety recommendations. • **Team Leadership:** Coordinated a small team, managed timelines, and guided technical decisions, ensuring the project stayed on track and met Google Developer Solution Challenge standards.

Open Source Contributions

Hacktoberfest 2023 & 2024 ,Contributor

- Collaborated with developers worldwide, gaining exposure to best practices in code reviews, version control, and project collaboration.
- Made significant contributions to repositories focused on web development and Python automation tools.

Social Summer of Code 2024,Contributor

- Improved project workflows and documentation, helping maintainers with scalable solutions.
- Actively engaged in coding tasks such as bug fixes, feature development, and project refactoring for better performance.

Social Winter of Code 2025 , Project Admin, WALKEZ

- **Project Admin** for WALKEZ under SWoC 2025, an open-source program aimed at mentoring student contributors.
- Led technical planning, issue triaging, and contributor onboarding, ensuring smooth collaboration across GitHub repositories.
- Reviewed and merged pull requests, provided constructive code feedback, and managed project milestones and documentation.
- Fostered an inclusive and growth-focused environment, enabling contributors to gain hands-on experience in AI, Flutter, and cloud technologies.
- Ensured the project adhered to open-source standards and maintained regular progress updates with the organizing team.