techolution
{ AI done right }

Calling all Python enthusiasts! Are you ready to embark on a thrilling journey into the world of cutting-edge technology? As a **Python Intern** at Techolution, you'll dive headfirst into innovative projects that push the boundaries of AI and machine learning. Join our dynamic team and contribute to transforming lab-grade AI into real-world solutions that make a tangible impact. This is your chance to grow exponentially, learn from industry experts, and play a crucial role in shaping the enterprise of tomorrow. If you're passionate about Python and eager to revolutionize the tech landscape, this internship is your launchpad to an exciting career!

Designation: Python Backend Intern
Location: Hyderabad, India
Employment Type: Full Time
Expertise: Intern

Key Responsibilities

- Develop and maintain robust **Python** applications, with a focus on scalability and performance optimization
- Design and implement efficient **APIs** utilizing **FastAPI** frameworks to support diverse internal and external services
- Collaborate effectively with cross-functional teams to integrate **WebSocket** technology, enabling real-time communication features
- Contribute significantly to the development of scalable and maintainable codebases, adhering strictly to industry best practices and coding standards
- Actively participate in code reviews, providing constructive feedback to colleagues and incorporating suggestions to enhance overall code quality
- Efficiently troubleshoot and debug issues across various environments, ensuring optimal application performance
- Create comprehensive documentation for technical specifications, API endpoints, and codebase architecture to facilitate easy reference and knowledge sharing
- Demonstrate strong **ownership** by taking initiative on assigned tasks and diligently seeing them through to completion
- Cultivate a proactive **seeker mindset** by continuously learning and staying abreast of the latest developments in the Python ecosystem
- Exhibit **passion towards work** by actively contributing innovative ideas for process improvements and creative solutions

Foundational Skills

- **Python coding skills**: Proficiency in writing clean, efficient, and maintainable Python code is essential for developing robust applications and services
- **Django, Flask, or FastAPI**: Experience with at least one of these popular Python web frameworks is crucial for building scalable and efficient web applications and APIs
- **WebSocket**: Familiarity with WebSocket technology for implementing real-time, bidirectional communication between clients and servers
- **API development**: Ability to design, develop, and maintain scalable APIs to support various internal and external services
- **Ownership**: Demonstrating a strong sense of responsibility and accountability for assigned tasks and projects
- **Seeker Mindset**: Eagerness to learn and explore new technologies, methodologies, and best practices in the Python ecosystem
- **Passionate Towards Work**: Showing genuine enthusiasm and dedication to software development and problem-solving

- **Extremely Ambitious**: Setting high personal and professional goals, constantly striving for excellence in all aspects of work
- **Unbeatable Work Ethics**: Demonstrating strong commitment, reliability, and integrity in all work-related activities
- **Ability to comprehend**: Quick understanding and adaptation to new concepts, technologies, and project requirements

Advanced Skills

- **GCP (Google Cloud Platform)**: Familiarity with cloud computing services and infrastructure management on GCP would be beneficial for future projects
- **JavaScript and TypeScript**: Knowledge of these languages could enhance front-end development capabilities and full-stack potential
- **MongoDB**: Experience with this NoSQL database would be valuable for projects requiring flexible and scalable data storage solutions
- **Deployment and Monitoring on GCP**: Skills in deploying and monitoring services on Google Cloud Platform would contribute to efficient application management and performance optimization

How to Apply

If you are passionate about leveraging AI technologies to create impactful solutions and meet the qualifications listed above, we invite you to apply for this exciting opportunity by sharing your video resume. We look forward to hearing your story and exploring how your skills align with the goals of our team. As an equal opportunity employer, Techolution celebrates diversity and is committed to creating an inclusive environment for all employees.

About Techolution

At Techolution, we specialize in building custom AI solutions that deliver innovation and drive measurable outcomes for enterprises worldwide. With our specialized expertise we help businesses take AI from their labs into the real world.

What We Do

As your one-stop shop engineering firm, Techolution guides you from ideation to ROI realization. We ensure real-world AI success by minimizing R&D risks for our clients with our innovative fixed-bid pricing model.

Our Unique Value Proposition

- **White Glove Service:** From Ideation → Innovation → Integration, we lead the way to deliver meaningful outcomes, enabling your team to operate AI solutions independently.
- **Human-AI Partnership:** Our Govern Guide Control (GGC) framework ensures responsible AI governance, aligning solutions with your organizational requirements and brand identity.
- **Customized AI Solutions:** We tailor AI to your enterprise needs, delivering from concept to implementation with our turnkey approach at a guaranteed price.

Our Impact

Techolution has partnered with **300+ clients** worldwide, including **50+ Fortune 500 companies**. Our growing team works across diverse sectors such as healthcare, education, retail, media, tech, banking, fintech, government, telecom, and manufacturing. Celebrating **9+ years** in business, we are committed to AI Done Right!

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Awards & Recognition

- **2024:** Forbes publishes the best-selling book by our CEO, "Failing Fast?: The 10 Secrets to Succeed Faster."
- **2023:** AI Solutions Provider of the Year - AI Summit
- **2022:** Best in Business Award - Inc. Magazine
- **2021:** Best Cloud Transformation Consulting - CIO Review
- **2019:** Inc. 500 Fastest Growing Company Award

Take a Look At Our Accelerators

- Enterprise LLM Studio
- AppMod.AI
- ComputerVision.AI
- Robotics and Edge Device Fabrication
- RLEF AI Platform

Some Videos You Wanna Watch!

- About Techolution
- Transform Customer Service with Techolution
- GoogleNext 2023
- Conversational AI for Enterprise
- Realytics AI Success Story

Visit us at www.techolution.com to know more about our revolutionary core practices and how we enrich the human experience with technology.