ORION AI
TECHNOLOGY

Software Engineering / Full Stack Development Internship at Orion AI Tech

*Are you enthusiastic about **Software Engineering, Full Stack Development**, and eager to build practical skills in a dynamic, innovation-driven environment? **Orion AI Tech** is offering internship opportunities to aspiring **software professionals** who want hands-on experience designing, building, and deploying scalable software solutions.*

About the Internship

- **Core Focus Areas:** Interns will actively contribute to the design, implementation, and testing of **software applications**, **web platforms**, **backend services**, and potentially **mobile apps**. The internship offers experience in **Full Stack Development**, **cloud computing environments**, **database management**, **software architecture**, and modern software engineering best practices.
- **What to Expect:** Interns will engage in real-world software development projects, supporting **backend/frontend coding**, **API integration**, **software testing**, **debugging**, and **performance optimization**. Interns will also gain practical knowledge of **version control (Git)**, **cloud-based deployment**, **continuous integration/deployment (CI/CD)**, and collaborative software development methodologies.
- **Work Structure:**
  - **Hours:** A commitment of **4-8 hours per day**, totaling **25-40 hours per week**, is expected.
  - **Flexibility:** The schedule is **flexible**, with work primarily conducted **online**.
- **Duration & Growth:** Internships typically span **3 to 6 months**, with the exciting possibility of **extension into a full-time role** based on performance and mutual fit.
- **Compensation:** Both **paid and unpaid** internship positions are available.

Who Is Sought

A strong foundation in technical concepts and a keen desire to learn are highly valued.

- **Academic Background (Preferred):** While not strictly compulsory, candidates from **Computer Science, Electrical Engineering, Software Engineering, Statistics, Applied Mathematics, Data Science, Physics, Cognitive Science, Biomedical Engineering, or other related quantitative and technical disciplines** often find their skills align well with these roles.
- **Essential Skills & Commitment:**
  - **Programming & Coding:** Proficiency in at least one major programming language such as Python, JavaScript, Java, or C++.
  - **Web & Software Development:** Familiarity with web development frameworks (React, Angular, Vue), backend technologies (FastAPI, Django, Node.js, Flask), and basic understanding of software architecture.
  - **Databases & Cloud:** Basic knowledge of database concepts (SQL/NoSQL) and exposure to cloud environments (AWS, Azure, GCP) or container technologies (Docker, Kubernetes).
  - **Version Control:** Familiarity with Git for code collaboration and version management.
  - **Problem-Solving:** Strong analytical skills, problem-solving abilities, and willingness to learn new technologies rapidly.
  - **Proactivity:** Self-driven and committed to making impactful contributions through high-quality coding and effective teamwork.
  - **Data Handling:** Exposure to data collection, cleaning, preprocessing, and manipulation techniques. Familiarity with basic database concepts (SQL/NoSQL) is a plus.
  - **Problem-Solving & Analytical Thinking:** A strong aptitude for breaking down complex problems, thinking critically, and devising innovative solutions.
  - **Commitment & Proactivity:** A high level of dedication, self-motivation, and a proactive approach to learning and contributing meaningfully to projects.
- **Mindset:**
  - A strong **willingness to learn** and continuously enhance skills is paramount.
  - Good **communication skills** for effective collaboration within a team.

Organizational Ethics & Values

At Orion Ai Tech, operations are guided by a strong **code of ethics** and a commitment to **responsible AI development**. Interns will be expected to adhere to organizational values, which prioritize **integrity, transparency, confidentiality, fairness, and ethical considerations** in all aspects of our work. A dedication to responsible innovation and adherence to professional conduct is fundamental.

Why Intern with Orion Ai Tech?

This internship offers a unique opportunity for **practical, real-world experience** in the rapidly evolving field of AI. Skills will be deepened through work on impactful projects, allowing for exploration of **cutting-edge technologies** and potentially launching a career in AI.

Express Interest!

If these requirements are met and there is excitement to contribute to the future of AI in an ethical and innovative environment, interest is encouraged to be expressed by visiting **orionaitech.com** for more information on how to apply.