**YASHRAJ MOTE**

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**SKILLS**

* **Languages:** Java, C#, Python, C++, JavaScript, TypeScript
* **Backend:** Spring Boot (Microservices), ASP .NET Core (Web API, Entity Framework Core)
* **Frontend:** Next.js,React, Angular, Tailwind CSS, GSAP, Sanity CMS, HTML, CSS
* **Databases and Tools:** MySQL, Kafka, PostgreSQL, MongoDB, Firebase, ORM, Selenium
* **DevOps and Cloud:** Docker, GitHub Actions, AWS (S3, Lambda), Git, CI/CD, Azure

**WORK EXPERIENCE**

***EmpoweredAI,*** *Toledo, OH* **May 2025 - Present *Software Developer***

* Designed and developed a modern and responsive website for **NAACP Toledo** using **Next.js**, **TailwindCSS** and **GSAP**.
* Integrated **Sanity CMS**, enabling non-technical staff to update the site content in real time. Configured the Sanity CMS dashboard to add intuitiveness to the content and media.
* Deployed via **Vercel** (temporarily) with **CI/CD**, ensuring maximum uptime and seamless updates to the website.

**Abhitech Energycon Limited,** *Toledo, OH* **May 2024 – Dec 2024**

***Full Stack Software Engineer Intern***

* Developed a Gain/Loss Dashboard using **React** **and TailwindCSS** with a **Spring Boot microservices** backend to mitigate decisions contributing to operational losses.
* Developed an **ETL** pipeline with **Apache** **Kafka** to stream **SAP** data into **MySQL** as a speed layer, and improved query performance by **50%** through indexing.
* Leveraged **AWS** **S3** to store large volumes of raw SAP data as backup and **AWS** **Lambda** to automate data processing.
* Implemented **Docker** for containerization and integrated with **GitHub** **Actions** for **CI**/**CD** pipeline.

**Crown Equipment,** *New Bremen, OH* **August 2023 – Dec 2023**

***Full Stack Software Engineer intern***

* Developed an internal invoicing application using **Angular** and built scalable **REST** **APIs** in **Spring Boot** to reduce invoice processing time by **90%.**
* Optimized **SQL** **queries** and **stored** **procedures** to process large datasets, resulting in **50%** **faster** financial reporting.
* Implemented **Unit** **Tests** using **Jasmine**, identified edge-cases and performed debugging, achieving a **95%** **test** **coverage**.
* Collaborated with cross-functional teams in the Software Development Life Cycle in an **Agile/Scrum** environment, performing **Code Review** and **QA** through **Jira**-based workflows, and maintained **technical documentation**.

**Technochrafts,** *remote* **January 2023 – July 2023**

***Software Engineer intern***

* Developed a secure login system using **ASP.NET Core** with **Entity Framework Core**, implementing **OAuth** **2.0** and **JWT** for authentication and session management.
* Deployed **RESTful APIs** with **NGINX** on **Azure App Service** implementing server-side caching and load balancing to improve API performance by **45%**.
* Implemented a CI/CD pipeline with GitLab CI and Docker to automate testing and streamline deployments.

**PROJECTS**

[**Job Application Automation Suite**](https://github.com/yashrajmote/openai_doc_creation_script)| *Python, OpenAI API, Selenium, Pandas, Tkinter* **September 2025**

* Developed an integrated Desktop application GUI with **Tkinter**, using **Python** and **Selenium** to scrape saved jobs from various job boards, then leveraged **OpenAI** **API** to generate AI-tailored resume DOCX files with prompt engineering.

[**Machine Learning Intern**](https://insurance-mlops.vercel.app/) **– Anonymous Intern Company August 2024 – May 2025**

* Developed an XG-Boost model for predictive insurance premiums, improving accuracy by 24%. Deployed an automated MLOps CI/CD pipeline that reduced retraining time by 25% and enabled real-time updates for datasets over 10M rows.

**LEADERSHIP**

[**Toledo Codes (Fellowship and Student Org)**](https://toledo.codes/fellowship/) **– Co-Founder February 2025 - Present**

* Co-founded and led Toledo Codes, spearheading a fellowship program and campus student organization to expand local tech engagement. First fellowship project – sourced from the City of Toledo.

**EDUCATION**

***University of Toledo****,**Toledo, OH* **Graduated – May 2025**

Bachelor of Science Degree Recipient | GPA – 3.3 | Major: Computer Science Engineering