Ian Maloba

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OBJECTIVE

Passionate Software Engineer and Computer Science Student with experience in FullStack Development seeking Software Engineering Internship opportunities.

SKILLS

Languages: Java, Python, JavaScript, SQL, HTML/CSS, R
Libraries, Tools and Frameworks: Spring, Node.js, AWS, Kubernetes, Docker, Selenium, Django, React, Chart.js, Git, PostgreSQL
Soft Skills: Communication, Creativity, Teamwork, Problem Solving

EDUCATION

University of the People   Pasadena, California
Bachelor's Degree in Computer Science   *2022 – 2025*
- CGPA : **3.92** out of 4.0

PROJECTS

AI Finder Guru | *Python, Selenium, BeautifulSoap4, Django* —Link   Sept. 2023 – Present
- Developed a web app which scraps information about **4000+ AI tools** including name, description, tags, pricing, logo etc. and recommend best AI for specific tasks.
- Imported the scraped data into django models and **automated scraping** with a management command.
- Implemented features such as Filter, Full Text Search functionality, Bookmark, QR Codes using QR Code API and Embedding each tool site in iframes.

Maxximal | *WebRTC, Node.js, JavaScript* —Link   Aug. 2023 – Present
- Developed a real time multi-client **video conferencing** web app using **WebRTC**, and Node.js at the backend.
- Implemented advanced features such as **screen sharing** and **real-time chat** using WebRTC SDPs and JavaScript WebSockets.
- Employed **Docker** for streamlined deployment of the application and created a user-friendly interface for seamless navigation and engagement.

EXPERIENCE

FullStack Engineer Intern   May 2024 – July 2024
Yashio Kenya   *Remote*
- Collaborated with a team to build new features for a modern and responsive **full-stack** EdTech web application using React and Django
- Simulated outcomes using **sci-kit** learn, enhancing user decision-making accuracy by 25%.
- Performed **code optimization** and implemented new features, reducing page load time by 15%.
- Streamlined team workflow with GitHub, leading to a an increase in development efficiency.

Software Engineering Virtual Experience   Feb 2023 – Apr 2023
JPMorgan Chase & Co. via Forage   *Remote*
- Developed a trader's dashboard chart to monitor stock correlations, aiding trade strategy decisions.
- Used Perspective tool for data visualization in web applications.
- Fixed Typescript files, improving application functionality.

Contract Software Developer   Dec. 2022 – Mar. 2023
Blessing Private Primary School   *Embakasi, Nairobi, Kenya*
- Built a **payment gateway** using Django-payments API, reducing payment processing time by 40%.
- Resolved critical payment delay bugs, achieving a 70% reduction in user-reported issues.
- Enhanced reporting capabilities with **data visualization** using Chart.js, improving insights by 35%.
- Automated key processes, saving 20 hours of manual work per month.