

# 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, Django, AWS, Kubernetes, Docker, Selenium, 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, BeautifulSoup4, 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 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.