

Emmanuel Ahishakiye

Rochester, NY • eahishak@u.rochester.edu • (585) 623-7660 • www.eahishakiye.com • linkedin.com/in/eahishak/ • github.com/eahishak

WORK EXPERIENCE

Cendance Systems Inc.- Remote <i>Salesforce AI Software Engineer Intern</i>	Rochester, NY <i>January 2025 – Present</i>
<ul style="list-style-type: none">Designed AI/ML applications by integrating APIs using Python, JavaScript and React to enhance decision-making tools and automate data-driven tasks.Improved model scalability by 40%, enabling better deployment efficiency for client-focused solutionsDeveloped and fine-tuned AI models for predictive analytics, increased accuracy by 35%, enhancing client decision-making.Enhanced UI/UX of AI-driven applications with React, improved user engagement by 25%.Key Technologies: Python, JavaScript, React, Node.js, Flask, Django, SQL, AWS, Git, API Development, Machine Learning, CI/CD, Data Pipelines	
Jackal Tech Ltd <i>Founder & Managing Director</i>	Kigali, Rwanda <i>November 2019 – Present</i>
<ul style="list-style-type: none">Managed and supported 500+ students and graduates, leading the development of 20+ full-stack applications, with a 90% project success rate and adoption across diverse industries aimed to impact 50,000+ users globallyAchieved 101.6% staff growth through strategic talent acquisition, recruiting 200+ professionals, and positively impacting 5,000+ individuals globally in 2024.Built scalable backend systems using Python (Django, Flask), Node.js, and C++, optimized performance, reducing server response time by 40%.Developed AI-driven chatbot solutions, enhanced automation, reducing customer response time by 50%.Managed CI/CD pipelines and cloud deployments (AWS, Firebase), improved deployment efficiency by 60%, ensuring seamless software delivery.Key Technologies: Python, JavaScript, Node.js, Django, React, C++, AWS, MySQL, Git, CI/CD, AI/ML Deployment, API	
Headstarter AI <i>Software Engineer Fellow</i>	San Francisco, CA <i>June 2024 – October 2024</i>
<ul style="list-style-type: none">Developed AI-driven chatbots and user management systems, improving model scalability by 30% and deployment reliability by 25%, enhancing overall system performance.	

Piyata Ltd <i>Software Engineer Intern</i>	New York, NY <i>May 2024 – August 2024</i>
<ul style="list-style-type: none">Built cross-platform web and mobile app with Flutter/Dart, integrating Python backend and Node.js APIs, increasing data handling efficiency by 20%.Implemented caching techniques, reducing app loading times by 15%, improving user experience and retentionKey Technologies: Flutter, Dart, Python, Node.js, REST APIs, AWS, Version Control Systems	

INDEPENDENT PROJECTS

Weather App Software Engineer	New York, NY <i>January 2025- January 2025</i>
<ul style="list-style-type: none">Developed a cross-platform weather application providing real-time forecasts and alerts using Python, JavaScript, and React.Integrated API-based dynamic weather updates, improving response time by 25%.Leveraged Django for backend operations and optimized performance for 1,000+ concurrent users.	
Pro Reserve App Software Engineer	New York, NY <i>October 2024- Present</i>
<ul style="list-style-type: none">Developing Pro Reserve, an AI-driven decentralized platform for reservations, leveraging ReactJS, JavaScript, CSS, PHP, Python, and Dart to improve booking efficiency by 40%, targeting millions of users across events, rides, and hospitality	
Jackal Tech Web App Software Engineer	New York, NY <i>June 2024- September 2024</i>
<ul style="list-style-type: none">Built and deployed Jackal Tech’s official platform using ReactJS, Python, Node.js, MySQL, and AWS, enhancing front-end responsiveness and backend reliabilityOptimized database queries and AWS scalability, reducing page load time by 40% and increasing user engagement by 30%.Key Technologies: JavaScript, ReactJS, Python, Node.js, MySQL, AWS, Chatbot integration	

TECHNICAL SKILLS

- Programming Languages:** Python, Java, JavaScript, Dart, C++, C, TypeScript
- Frameworks & Libraries:** React, Node.js, Django
- AI:** Chatbot integration, Model deployment
- Databases & Tools:** MySQL, SQL, Git, AWS

EDUCATION

University of Rochester Major: <i>BS, Computer Science and Business</i> Relevant Coursework	Rochester, NY <i>Anticipated May 2027</i>
<ul style="list-style-type: none">Data Structures & Algorithms, Artificial Intelligence, Computation and Formal Systems, Programming in Java, Calculus II and Discrete Math, Financial Accounting, Financial Management, Marketing and Intermediate Economics	

LEADERSHIP ACTIVITIES- University of Rochester

- Developer, UR Game Dev Team: Contributed to innovative game projects.
- NSBE Associate: Engaged in initiatives promoting diversity in engineering.
- Team Leader, Debate Union: Led discussions on policy and British Parliamentary debate formats.
- ColorStack Fellow: Collaborated on programs enhancing inclusion in technology.
- Code2040 Fellow: Focused on projects addressing equity in tech.
- MLT Fellow: Gained leadership and career readiness through intensive training.

AWARDS

- Handler Premier Scholarship:** Awarded to less than 1% of students for exceptional academic performance and leadership.
- Lefrak Scholar** – Attended summits and visited leading firms like Citadel, Goldman Sachs, and JP Morgan (2024, 2025).
- Global Hackathon Finalist (2022): Top 6 out of 502 teams**, recognized for innovative tech solutions by the International Telecommunication Union.
- Python Certification:** Completed a comprehensive 4-year program at Carnegie Mellon University CS Academy