Wilbrord IBYIMANA

Full-stack Software Developer

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About Me

I am a highly skilled full-stack software developer with 4+ years of experience in software development, known for my ability to engineer scalable server-side applications and design user-centric UIs. My dedication to continuous improvement and prioritizing user privacy has consistently enhanced application performance and reliability. I am eager to bring my proven software development and management expertise to a dynamic team, driving impactful projects and innovative solutions. Let's connect and explore how my skills can contribute to your company's success.

Work Experience

Hybrid
2023-Present

Full-stack Software Developer
Uplus Mutual Partners

"Uplus is a digital group financing platform enabling social and economic growth interoperability. Uplus, a fintech firm, revolutionizes the savings experience via an app. It empowers financial success by enabling goal-setting and communal sharing, transforming how people save."

- **UI/UX Design & Front-end Development:** Create intuitive, visually appealing interfaces with React.ts, Tailwind, Daisy UI, and TypeScript. Conduct user research, and design wireframes, and prototypes to enhance user experience.
- **Backend Development:** Build robust applications using Nest.js. Implement RESTful APIs for efficient data handling and performance optimization.
- **API Development and Integration:** Develop and integrate APIs to connect the front-end and back-end systems. Ensure secure and efficient data exchange between different services and components.
- **State & Database Management:** Manage application state with Redux toolkit and Context API. Design and integrate MySQL database for efficient data storage and retrieval.
- **Collaboration & Documentation:** Work closely with cross-functional teams. Document codebase and APIs clearly, and use Git for version control to maintain a clean and organized codebase.

Remote
2022-2023
9 Months

Full-stack Software Developer Andela Technical Leadership Program | Professional Internship

"A nine-month career accelerator empowering Rwandese nationals to become world-class full-stack software engineers."

- Immersed in various software development languages and technologies through comprehensive training as an intern at Andela.
- Excelled at crafting efficient, testable code and collaborating within dynamic teams to drive successful project outcomes.
- Actively contributed to code documentation and explored innovative technologies for enhancement.
- Played a key role in release and sprint planning sessions, optimizing performance, and elevating the overall user experience.

- Write unit, integration, and end-to-end tests with Jest and Mocha. Implement CI/CD pipelines with tools like GitHub Actions to automate testing, building, and deployment.
- Manage code changes and collaborate with team members using Git. Maintain a clean and organized codebase with well-documented commits and pull requests.
- Monitor and optimize both front-end and back-end performance. Use tools like Webpack, and server-side caching strategies to improve load times and responsiveness.

On-Site
2021 -2022
6 Months

IT
Ines Ruhengeri | Intern

"The Institute of Applied Sciences Ruhengeri (French: The Institut D'enseignement Superieur De Ruhengeri, INES), or simply INES - Ruhengeri, is a private research university in Rwanda. It was established on November 17, 2003. The acceptance rate is around 80-90%, making it one of the most accepting universities in Rwanda."

- **Project Management & Implementation:** Managed IT projects using tools like Jira and Trello, ensuring timely and budget-conscious delivery while coordinating system implementations for internal clients.
- **Technical Support & Issue Resolution:** Provided hands-on support for software and hardware issues, resolving complex problems as the final escalation point to minimize downtime.
- **Security & Data Management:** Conducted security assessments and managed backup procedures to protect data integrity and mitigate risks, updating necessary documentation.
- **IT Operational Infrastructure:** Maintained and supported server rooms, networking, and servers, sharing expertise with the team to enhance overall IT operations.

Skills

Programming Languages:
- JavaScript
- TypeScript
- Python

Databases:
- MySQL
- PostgreSQL
- MongoDB

Methodologies:
- Agile development

Tools:
- Git
- GitHub
- Jest
- Mocha
- Webpack
- CI/CD pipelines (GitHub Actions)

Soft Skills:
- Teamwork
- Communication
- Problem Solving
- Innovation-Oriented
- Self-Organized
- Debugging

Frameworks and Libraries
- React.js
- Next.js
- Redux
- Tailwind
- Material UI
- Node.js
- Express.js
- Nest.js

Education

2019-2022
4 years

UR College of Science and Technology
Bachelor of Engineering Honors Software Engineering

Reference

Mr. Diedonne Ukurikiyezu
Software Engineer at University of Rwanda

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Mr. Habineza Janvier
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Reward

Oct 2023| ATLP
Full stack software Developer