John CHISHUGI

A software engineer with a strong interest in cloud computing who enjoys designing user-friendly digital experiences. As a full-stack web and mobile developer with extensive experience across multiple industries, John is motivated to plan, build and implement robust software solutions and applies technology, design, research and experimentation with care.

Full stack Software Engineer

Experiences

November 2021 – February 2025
Full stack developer • Remote • iMMAP

 • Participated as a key contributor in three major projects, leveraging Laravel, Node/Express, Nest.js, React.js, Next.js, Angular, and Amazon Web Services (AWS) to develop robust and scalable software solutions for clients.

• Collaborated with a distributed team of developers, designers, and stakeholders to deliver high-quality software products on-time and within budget.

• Built responsive and engaging front-end interfaces using React.js, Angular, HTML, CSS, and Formik, while also implementing state management using Redux.js.

• Employed AWS technologies, including EC2, S3, and RDS, to deploy and manage infrastructure resources, automate backups, and ensure high availability of the software products.

Skills: Jira · Material-UI · Scrum · HTML · CSS · Redux.js · Amazon Web Services(AWS) · Laravel · React.js · Formik · JavaScript · GitHub· Storybook · MySQL · Node/Express · Nest.js · Next.js · Angular · PostgresSQL

January 2021 – December 2021
Backend developer • Remote • Dadanada Group

 • Develop and maintain a robust FinTech Platform called Da-remit that enables users to send money internationally quickly and securely.

• Collaborate with cross-functional teams to design and develop new features and functionalities for the platform.

• Contributed to the USSD project version for Da-remit, enhancing the platform's accessibility to users in areas with limited internet connectivity.

• Utilize Jira, Scrum, and Material-UI to manage project workflows and ensure timely delivery of high-quality software products.

• Build scalable and resilient back-end systems using Node.js, Nest.js, PostgresSQL, Go and Amazon Web Services (AWS).

• Implement continuous integration and deployment (CI/CD) pipelines using tools such as GitHub, JenKins, and SonarQube.

• Use containerization technologies such as Docker and Kubernetes to manage the platform's infrastructure and improve its performance.

Personal information

- Name**: John CHISHUGI**
- Birthday**: 18 June 1997**
- Nationality**: Congolese**
- Civil status: **Single**
- Sex**: Male**

Contacts and Addresses

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- **jkchishugi@gmail.com**
- **LinkedIn**
- **Portfolio**
- **Github**
- **Gitlab**

• Use Terraform to automate the deployment and management of infrastructure resources on AWS.

Skills: Jira · Go · Scrum · Amazon Web Services (AWS) · Nodejs · Nest.js · JavaScript · GitHub · JenKins · SonarQube · Docker · Kubernetes · Terraform · PostgresSQL

January 2021 – November 2021
Freelancer Full stack developer • Remote • [EvoluData](#)

• Contributed to the development of the core project, Tiki CMS, by creating new features and fixing bugs, ensuring the high-quality and timely delivery of software products.

• Assisted in the security team, helping to identify and mitigate potential vulnerabilities in the Tiki CMS and other software products.

• Utilized Bootstrap, HTML5, CSS, and SASS to develop responsive and visually appealing front-end interfaces for web applications.

• Built scalable and performant back-end systems using PHP, JavaScript, and MySQL, ensuring the stability and security of the software products.

• Employed GitHub for version control and collaboration, and implemented MongoDB for efficient and scalable data storage.

• Configured and maintained Linux servers to ensure high availability and optimal performance of the software products.

Skills:
Bootstrap · HTML5 · Linux · PHP · JavaScript · MySQL · CSS · GitHub · MongoDB · SASS

April 2020 – January 2021
Research Assistant in Cloud Computing • Nigeria/Ogan State • [CAPIC-ACE](#)

• Developed frameworks for federated cloud computing, enabling seamless collaboration and resource sharing among multiple cloud providers.

• Designed and implemented Service Level Agreements (SLAs) for clients, ensuring that the cloud services met their performance, reliability, and security requirements.

• Worked on the interconnection of hybrid servers, integrating on-premises and cloud-based resources to optimize performance and reduce costs.

• Utilized Go, Python (Django), React.js, and MongoDB to build scalable and performant cloud-based applications and services.

• Ensured the security and compliance of the cloud services, implementing cloud security best practices and guidelines.

• Used SAS software to analyze and optimize the performance of cloud applications, ensuring optimal resource utilization and cost-effectiveness.

• Employed GitHub for version control and collaboration, enabling effective collaboration with other team members and stakeholders.

Skills: Service-Level Agreements (SLA) · Go · Materials · Cloud Security · SAS (Software) · Python (Django) · React.js · MongoDB · GitHub

July 2019 – March 2020
Backend Developer • DRC/Goma • [Connectis](#)

• Utilized Jira and Scrum methodology to plan and manage software development projects, ensuring efficient and effective collaboration among team members.

• Developed the main project of the company, Connectis Net, which involves selling connection bands, utilizing my skills in front-end and back-end web development.

• Worked on a CRM project, integrating Mizu Service Call to improve the customer support process, resulting in improved customer satisfaction and retention.

• Developed a financial management system, enabling the company to manage its finances efficiently and effectively.

• Built an attendance management system, streamlining the attendance tracking process and enabling the company to optimize workforce management.

• Utilized a variety of technologies and tools, including HTML, CSS, JavaScript, Nodejs, and MySQL, to develop robust and scalable software solutions.

• Ensured the quality and timely delivery of software products by following best practices in software development, including version control using Git and collaboration using GitHub.

Skills:
Mizu · Trello · Nginx · Lunix · Next.js · Linux · Redux.js · Storybook · Formik · Express.js · Node.js · JavaScript · PostgreSQL · GitHub

February 2018 – April 2019
Full stack developer • Rwanda/Kigali • [Wiiqare](#)

• Worked on the main project, WiiQare, a digital health wallet that helps users set aside money specifically for healthcare expenses, utilizing my skills in front-end and back-end web development.

• Developed the "Find My Doctor" project, which allows users to easily search for and connect with healthcare providers in their area.

• Utilized a variety of technologies and tools, including TypeScript, React, Python (Django), Nginx, Laravel, React Native, Node.js, and MySQL, to develop robust and secure software solutions.

• Followed Agile methodologies and utilized Scrum framework to plan and manage software development projects, ensuring efficient and effective collaboration among team members.

• Maintained open communication with stakeholders and team members to ensure alignment and timely delivery of project milestones.

• Followed best practices in software development, including version control using Git and collaboration using GitHub, to ensure the quality and timely delivery of software products.

Skills: TypeScript ·React· Python (Django) · Nginx · Laravel · React Native · Node.js · GitHub · MySQL

Educations

- **Master Degree in Cloud Computing**: Covenant University Nigeria/Ogan state (2021-2022).
Certificate: Share once available

- **Bachelor Degree in Computer Science**: Independent University of Kigali (ULK), Rwanda Gisenyi (2016-2019)
Certificate: link

- **State diploma in Commerce and IT**: Zanner Institute DRC/Goma (2010-2016)
Certificate: **link**

Skills

Backend

- **JavaScript (Nodejs/Express)**
- **TypeScript**
- **PHP (Laravel)**
- **Python (Django)**
- **Go (Gin)**
- **Nest.js**

Frontend

- **React**
- **Next.js**
- **Vuejs**
- **SASS**
- **Material UI**
- **Bootstrap**
- **Angular**
- **Tailwind css**
- **Ant Design**
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Database

- **PostgreSQL**
- **MySQL**
- **MongoDB**

Project management

- **Agile**
- **Scrum**
- **Jira**
- **Trello**
- **Pivotal tracker**

DevOps

- **CI/CD (AWS)**
- **Docker**
- **Kubernetes**
- **Jenkins**
- **SonarQube**
- **Git**
- **Github Actions**

References

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My projects/Works

- https://careers.immap.org/
- https://popmooder.com
- https://uzagkam.com/
- https://www.bwijafoundation.org
- https://pai-rdcongo.org
- http://celebrons.org
- https://wiiqare.com
- http://jobstock.popmooder.com
- https://connectis.co
- https://admin.connectis.co
- https://sfr.connectis.co
- https://salemvie.org
- https://immap.org