Sega Diop

Senior Software Craftsman & Cloud Engineer

Java | Angular | Aws | Craftsman | Agile



35 years old
Driving License

CONTACT

sega.diop@madi-corp.net

SKILLS

Backend Development

- Java 8+ ★★★★½
- Spring ★★★★½
- Python ★★★★½
- Node ★★★★½

Front & Mobile Development

- Angular 2+ ★★★★½
- Javascript ★★★★½
- ReactJS ★★★★½

CI/CD & Tooling

- Maven ★★★★½
- Git ★★★★½
- Jenkins ★★★★☆
- TravisCi ★★★★½

Methodologies

- Scrum ★★★½☆
- TDD ★★★★☆
- BDD ★★★★☆
- DDD ★★★★☆

Cloud & Infrastructure

- Docker ★★★★½
- AWS ★★★★☆

Artificial intelligence

- Prompt Engineering ★★★★☆
- Langchain ★★★★☆
- Open AI ★★★★½

LANGUAGES

French ★★★★½
Fluent

English ★★★★☆
C1

EXPERIENCES

Research and Innovation Manager

ONEUP - Since June 2023 - Paris - France

As the Research and Innovation Manager, I lead a team dedicated to exploring and developing solutions in generative artificial intelligence. We focus on optimizing the user experience (Generative UX) and leveraging data to enhance our services. Our team also specializes in developing intelligent agents for treasury management and pre-accounting processes, ensuring our initiatives align with the company's strategic objectives.

Senior Software Developer

ONEUP - April 2021 to June 2023 - Full-time - Paris - France

- As a Fullstack developer, I contribute to the evolution of the product. I am involved in the design, implementation, deployment and support phases of new features.
- I also intervene in the modernization of the technical stack in the choice of new technologies, the study of their impact as well as their implementation.
- Technical environment :
  React 17, GWT, Java 11, Jenkins, Docker, Redux, Jira, SonarQube, AWS Lambda, Postgresql, Rescue, Redis, elasticsearch

Senior Software Developer & Techlead

Stelliant / Wemanity - May 2019 to April 2021 - Full-time - Paris - France

- I contributed to the technological choices for the implementation of the backend and front-end technical bases.
  I have set up a docker dev environment.
- Technical environment:
  Angular 7, Java 11, Jenkins, Docker, Electron, Redux, Kanbanize, SonarQube, NodeJs, Postgresql, Oracle9I

Software Developer Java/Angular

Bouygues Telecom / Altran - April 2018 to April 2019 - Full-time - Fundao - Portugal

- My role was to carry out the front and backend developments necessary to respond to corrective and evolutionary maintenance requests.
  My first intervention was to audit the structure of existing Angular projects to then propose and implement an Angular boilerplate with a better adapted and more scalable architecture.
  I helped design and implement an architecture to centralize the different UIs and facilitate the integration of future UIs.
- Technical environment :
  Angular 4, Java, Jetty, Jenkins, SonarQube, Rancher

Ingénieur Odoo

Econostic - August 2017 to April 2018 - Freelancer - Casablanca - Morocco

- Econostic's mission is to set up a distributed system for a group that provides services in the oil industry, transport, travel and transit.
  I helped in the modeling of business processes on Odoo, the development of certain modules and the coordination of the development teams distributed between Casablanca and New Delhi.
- Technical environment :
  Odoo 10, Gitlab, Python, Backbone, XML, Rabery Pi

Ingénieur Etude et Développement

Atos - December 2015 to April 2018 - Full-time - Dakar - Senegal

- I helped to reorganize SI France by unifying the GLPIs it inherited and by proposing an optimal management mode for UIs.
  I have also helped its evolution by identifying needs and developing tools and processes to meet them.
  At the same time, I was involved in various internal projects at Atos Senegal such as setting up a software factory, installing a development environment for a client or training an intern.
- Technical environment :
  CentOS, PHP, GLPI, OCS, AngularJS, MySQL, Python, Talend, Ansible, Nexus

ABOUT ME

Sega Diop
Senior Full-Stack Developer | Technical Lead | Innovation Enthusiast

With over a decade of experience in software development, I specialize in building scalable, high-performance solutions that drive efficiency and innovation. My expertise spans full-stack development, cloud infrastructure, and automation, with recent projects incorporating AI-driven features for enhanced functionality. I've led cross-functional and international teams, transforming complex requirements into effective solutions for industries ranging from SaaS and ERP to distributed systems and AI applications.

Core Skills:
• Backend: Java, Python, Spring Boot
• Frontend: Angular, React
• Cloud & DevOps: AWS, Docker, Jenkins
• AI & Automation: OpenAI, LangChain, process automation
• Leadership: Technical vision, project coordination, team mentorship

I'm passionate about applying technology to solve real-world challenges, streamline workflows, and empower users. My work focuses on creating adaptable, efficient systems, and I'm always open to opportunities that push the boundaries of technology.

Get in touch to explore potential collaborations or learn more about my work.

Stack Overflow

Github

Senior Developer

Handsaway - Since May 2019 - Volunteer Work - Paris - France

HandsAway is an association that has developed a mobile application to fight against sexist attacks.
I joined HandsAway to provide features to help injured people find the right help centers.

EDUCATION

Master of Science

SUPINFO
2014

CERTIFICATIONS



AWS Certified Solutions Architect - Associate February 2020
(View certification)



AWS Certified Developer - Associate January 2020
(View certification)