BAKARY SYLLA

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https://myportfolioreactsecond.herokuapp.com/
Fully Work Authorized • No Visa Sponsorship Required • Open to Relocation

Full-stack Software Engineer with previous experience in Geography Information systems (QGIS, ArcView, ArcGIS, remote sensing satellites, Mapping), Transportation, and Urban Development Management. Accomplishes project goals consistently with elegant, scalable code. Works great with team members under Agile and scrum frameworks.

RELEVANT SKILLS

Languages: Java, JavaScript, Node.js, Spring Boot, HTML, CSS,
Databases: MySQL, MongoDB, Sequelize
Methodologies: Agile
Software: Microsoft Office, Slack, Zoom, Google office suite, QGIS, Microservices
Development tools: Visual Studio Code, Eclipse, IntelliJ, Git, Sublime text 3, Heroku, Firebase
Library: React, Bootstrap, Materialize, Express, jQuery, Jest, Handlebars.js

EDUCATION

Certificate Full Stack Developer   **06/2022**
University of Washington
- Computer Science applied to JavaScript: Algorithms, Big O notation Time complexity, Data Structure.
- Browser-Based Technologies: HTML, CSS, JavaScript, jQuery, Responsive Design, React.js, Progressive Web Applications "PWAs", Local Storage, Session Storage, IndexedDB.
- API Design: Client-Server Model, API, REST, JSON, AJAX "Fetch API", HTTP request methods, GraphQL.
- Data Bases: MySQL and MongoDB
- Deployment and Delivery: Heroku, Git, GitHub Pages, Unit Testing, Continuous Integration.
- Server-Side Development: Node.js, Express.js, User Authentication, Template Engines, MERN Stack (MongoDB, Express.js, React.js, Node.js)

Associate in Arts & Science in Computer Science (In progress)
Bellevue College Washington State

Bachelor Geography Transportation and Urban Development Management   **07/2014**
University Felix Houphouet Boigny, Abidjan, Cote d'Ivoire (Ivory Coast)
University Felix Houphouet Boigny is the most public prestigious university on Ivory Coast. Inside the University you have the Institute of Geography Tropical (IGT), the first institute at the University. I got my degree from this department.

Certificate in Geography Information System "GIS"   **07/2013**
University Felix Houphouet Boigny, Abidjan, Cote d'Ivoire (Ivory Coast)
- **QGIS**
- **ArcGIS**
- **remote sensing satellites**
- **Excel**
- **MySQL**
- **JavaScript**
- **Java**

PROFESSIONAL EXPERIENCE

Belk   **01/2022 - Present**
Associate Software Developer
- Collaborate with 4 senior software engineers for Node.js based enterprise applications, and Rest APIs.
- Develops designing and customizing a brand-new customer resolution management tool through ReactJS and Express.js to efficiently monitor, encode, and resolve customers' questions/concerns.
- Supporting testing operating systems-level software and filed 150+ upgrade and bug fix reports.

United State Postal Service   **10/2018 – Present**
Mail Processing Clerk
- Manually separate nonmachinable and machine-rejected letters and Flat by Zip code
- Distribute registry mail by station
- Dispatch manual mail to stations

Mapping manager   **08/2014 – 09/2016**
UETIG, Abidjan, Cote d'Ivoire (Ivory Coast)
- Built map for Private Businesses, students, and No government organization
- Collected coordinate to geolocate activities and phone cable system
- Read and transcript remote sensing satellites map
- Collect and manage population statistics

Web Developer   **01/2013 – 10/2016**
IGT, Abidjan, Cote d'Ivoire (Ivory Coast)
- Develop a secure website for business
- Collect Data from GPS, Satellites and transform Data for enterprises used
- Used MySQL to store and used data for enterprise partners.

SOFTWARE PROJECTS

InMyFridge
Webapp allows users to use the ingredients in their fridges better, reduce waste, and try out new recipes while using what they already have at home.

- Consumed third-party API (Spoonacular API) using JavaScript, and jQuery to display data on the web application
- Implemented the Web application styling using CSS and Materialize
- Used semantic Html to implement recipes and YouTube display blog

Lost-Pet
Lost Pet Finder allows a USER to create an account, generate a listing of their current lost pet, and display it on a page for local discovery. It allows other USERS to view current lost pets without an account.

- Implemented the REST APIs server-side with Node.js and Express using the MVC design for maintainability and scalability.
- Designed and implemented database script using Sequelize for mapping and MySQL.
- Implemented Google map component on the browse page