Curriculum Vitae

Femi Adesola, Oyinloye

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GitHub

https://github.com/FemiAdesola

https://github.com/React21S

Web Portfolio
[https://femiadesola.github.io/coursework/]

Personalities Test
https://www.16personalities.com/profiles/4fbf4cd90407e

https://www.linkedin.com/in/femi-adesola-oyinloye-106454145/

KEY SKILLS

- HTML/CSS, Javascript, UI/UX, ReactJS, Node and ExpressJS, GIT, Unit testing and Quality assurance, Database (MySQL, MariaDB, SQL), CI/CD (Dockers, SonarQube, Jenkins), AWS (EC 2, CloudFormation, Code Commit, Code Pipeline, Code Deploy, Elastic Beanstalk, Working in a Software Development Team.

- MS Office (Expert user in word, Excel, PowerPoint)
- Python program (Basic)
- Azure clouding (Basic)
- CAD–SolidWorks (Intermediate User)
- Creating Graphical User interfaces

- Laboratory measurements

PROFILE

I am a goal-oriented person who is focused on Engineering, information, and communication technology skills. To mention views, I work with a prompt and professional approach in experimental test set-ups and installation of test equipment, testing and sensors calibration, data analysis, reporting and Software development Skills.

I am hard-working, industrious, diligent, ready to obey the instruction, and easy to understand the instruction base on any specific task, and I enjoy teamwork. I am looking forward to new challenges in ICT, Engineering and Biobased processing.

I am available right now, **and I can start a new job immediately.**
Please, you can check my web portfolio for more details about me.

WORK EXPERIENCE

Designer and Laboratory Technician, **A-Insinöörit Oy, Espoo, Finland. 04/2011 – 08/2020**

In the Nuclear Waste management Unit (NWM),

I was responsible for the following work activities:

- Strain-gauge installation, measurements, and data analysis
- Data processing and reporting

- Bentonite sample material installation and sampling measurement.

- Tensile strength measurement analysis,

- Assemble, disassemble and analysis Water retention curve test.
- Assemble, disassemble and analysis Infiltration test.

- Lab equipment and instrument calibration

- Preparation of several solutions in the chemistry lab

- Designs test equipment with SolidWorks software

OTHER WORK EXPERIENCE

Maintenance assistant, ISS Oy, Finland 10/2010 – 01/2013
Real Estate and Maintenance Unit,
- Responsible for house and yard maintenance.

- Lab instrument and equipment calibration
- National instrument system with LabView measurement connection
- Mechanical, hydraulic, and thermal testing
- Solid/liquid separation

EXTRA COURSES IN ICT

- Software development Skills (Back-End) [RESTful using, NodeJS, ExpressJS and MangoDB] 02/2021 – 03/2021, (FITech Network University, Finland).
- Principles of Programming Graphical User Interfaces (GUI), 03/2021 – 05/2021, (FITech Network University, Finland).
- Measurement Technology, 01/2021 – 02/2021, (FITech Network University, Finland).
- Software development Skills (Front-End) [HTML, CSS, and Sass] 12/2020 – 01/2021, (FITech Network University, Finland).
- Wireless Communication Systems, 10/2020 – 12/2020, (FITech Network University, Finland).
- The impact of Technology, EIT Digital on Coursera, 08/2018 – 10/2018, Certified 18th October 2019.
- Strain gauge Measurement in Experimental stress analysis and the manufacture of Transducers, Hottinger Baldwin Messtechnik (HBM academy, Germany) 26 – 28/09/2011

LANGUAGE SKILLS

- English – Professional working Proficiency
- Yoruba – Mother tongues
- Finnish – Elementary proficiency

Summer internship, Lappeenranta University Technology, Lappeenranta, Finland. 06/2009 – 09/2009

Mechanical Engineering Department (Steel Structure Laboratory).

Responsible for the following work activities:

- Data analysis,
- Reporting of fatigue and strength of material testing in the Laboratory.

Maintenance Engineer and Head shift, Bakholon NIG.LTD, Lagos state, Nigeria 03/1996 – 08/2001

- Operated knitting fiber machine
- Managed the flow of incoming and used fabric
- Ensured manufacturing process run smoothly and efficiently.
- Organised and planned production schedules
- Repair and routine maintenance of knitted machine

KEY PROJECT EXPERTISE

- Demonstration of initial state and progress of water uptake for Posiva Oy, Eurajoki, Finland
- Full-scale KBS-3H multi-Purpose test funded by EU FP7
- Downscaled tests on buffer behavior For Posiva Oy, Eurajoki, Finland
- Production of predictions of subsystem behaviours by experimental means and quantification of the limits of validity of the existing means to predict the subsystem behaviour for Posiva Oy, Finland

EDUCATION

Full Stack Web Developer Program 2021 – 2022

Business College Helsinki, Helsinki, Finland

HTML/CSS, Javascript, UI/UX, Node and Express Js, Data Structure, ReactJS, Unit testing and Quality assurance, Database (MySQL, MariaDB, SQL), CI/CD (Dockers, SonarQube, Jenkins), AWS (EC 2, CloudFormation, Code Commit, Code Pipeline, Code Deploy, Elastic Beanstalk, Working in a Software Development Team.

Master of Science in Technology, Chemical Engineering, 2018 – 2020

Lappeenranta–Lahti University of Technology (LUT), Lappeenranta, Finland

ADDITIONAL ASSETS

- Occupational Safety Card, Expires Jan 2025.
- Driver's Licences, Class 'B', Expires Jan 2029

HOBBIES AND INTERESTS

- Reading
- Researching
- Traveling

TRAINING

- Tube fitting installation and Tube bending essential, Swagelok Oy, Helsinki, Finland. 31/05/2018
- Training on wire soldering, 27/03/2013

EXTRACURRICULAR ACTIVITIES

- Forest Process Engineers, Finland, Member 2020 –
- Society Petroleum Engineering, Denmark, Member 2009 –2012
- Engineering student, Finland, Member. 2007 – 2010

Biobased process Engineering, Energy Technology.

Master's degree thesis (*Cost-efficiency and the beneficial effects of the process to recover lignin, hemicellulose, and cellulose with deep eutectic solvent*)

Bachelor of Technology, Mechanical Engineering and Production Technology, 2007 – 2010

Saimaa University of Applied Science, Lappeenranta, Finland

Mechanical and Production Technology, Information Technology

Bachelor's thesis (*Omni Directional Platform for Wheelchair*).

Bachelor of Technology, Mechanical Engineering, (Exchange and double degree) 2009 – 2010

VIA University College, Horsens, Denmark.

Mechanical Engineering, Thermodynamics

Bachelor's thesis (*Omni Directional Platform for Wheelchair*).

Diploma in Mathematics and Statistics, 2003 –2005,

Federal Polytechnic, Offa, Kwara State, Nigeria.

Experimental and Descriptive statistics

Final project (*Analysis of motor accident on Nigeria Road, Lagos state as a case study*).

SELECTED PUBLICATIONS

- Oyinloye, Femi Adesola. Cost-Efficiency and Beneficial Effects of the Process to Recover Lignin, Hemicellulose, and Cellulose with Deep Eutectic Solvent. N.p., 2020. Print. [https://lutpub.lut.fi/handle/10024/161447]
- Matti Halonen, Femi Adesola Oyinloye. 2020. Downscaled Tests on Buffer Pellet Behavior in Steel Cells 2018-25, Published 22.01.2020. Available: [https://www.posiva.fi/en/index/media/reports.html]
- Pintado X., Adesola F., Turtiainen M. 2014. Downscaled tests on buffer behavior. Posiva Working Report 2012-100. Posiva Oy, Eurajoki, Finland. Available: [https://www.posiva.fi/en/index/media/reports.html]