

## Femi Adesola, Oyinloye

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### GitHub

<https://github.com/FemiAdesola>

<https://github.com/React21S>

### Web Portfolio

<https://femiadesola.github.io/Femi-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: SQL/NoSQL (MySQL, MariaDB, mongoDB)], CI/CD (Docker, 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 instruction, and easy to understand instruction based on any specific task, and I also enjoy teamwork. I am looking forward to new challenges in ICT, Engineering, and Biobased processing.

**I am available now and 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-Insinööri 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 analyse the Water retention curve test.
- Assemble, disassemble, and analyse the Infiltration test.
- Lab equipment and instrument calibration
- Preparation of several solutions in the chemistry lab
- Designs test equipment with SolidWorks software

- 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 MongoDB] 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 18<sup>th</sup> October 2019.
- Strain gauge Measurement in Experimental stress analysis and the manufacture of Transducers, Hottinger Baldwin Messtechnik (HBM academy, Germany) 26 – 28/09/2011

### OTHER WORK EXPERIENCE

#### Maintenance Assistant, ISS Oy, Finland 10/2010 – 01/2013

Real Estate and Maintenance Unit,

- Responsible for house and yard maintenance.

#### 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.

### 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, NodeJS and ExpressJS, Data Structure, ReactJS, Unit testing and Quality assurance, [Database: SQL/NoSQL (MySQL, MariaDB, mongoDB)], CI/CD (Dockers, SonarQube, Jenkins), AWS (EC 2, CloudFormation, Code Commit, Code Pipeline, Code Deploy, Elastic Beanstalk, Working in a Software Development Team.

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## LANGUAGE SKILLS

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

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## ADDITIONAL ASSETS

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

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## HOBBIES AND INTERESTS

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- Coding
- Reading
- Researching
- Traveling

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## TRAINING

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

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

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

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*).

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## EXTRACURRICULAR ACTIVITIES

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

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## SELECTED PUBLICATIONS

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- 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>]