

EPHRAIM TSHEPO KOOPEDI

Intermediate Full-Stack Developer

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WORK EXPERIENCE

Company Name : PBT Group
Period of Service : 01 October 2024 – Present
Position : Intermediate Software Engineer

PROJECT OWNER : FNB
DURATION : 01 October 2024– PRESENT

As an Intermediate Software Engineer at FNB, my role involves documenting, designing, developing, deploying, and implementing data-driven applications. Currently, FNB is expanding its Wealth and Investment division, and we are developing new systems to support this growth.

Responsibilities include:

- Resolving code smell.
- Improve Junit test to parametrized test unit.
- Writing and debugging code.
- Participating in estimation discussions with the product team.
- Testing and documentation of developed code.
- Maintaining integration tests, unit tests and user acceptance tests.
- Identify and close any potential security risks.
- Refactoring code to improve quality.
- Attending developer meetings and participating in code reviews and quality assurance activities.
- Continually improving coding skills.

Technologies used: -

- Java
- Springboot
- Thymeleaf
- Aws
- MySQL
- Bamboo
- Docker
- Bitbucket

Company Name : Wonderlabz
Period of Service : 07 March 2023 – 30 September 2024
Position : Intermediate Full Stack Developer

PROJECT OWNER : ARISTOCRAT
DURATION : 3 April 2023– 30 September 2024

As a Full-Stack developer, I was responsible for documenting, designing, developing, deploying, and implementing data-driven Web applications for Aristocrat. Aristocrat is currently expanding their online casino into other countries, which ensure that games are playable and game resources are bundled together with the game.

Responsibilities include:

- Hold Scrum meetings.
- Resolving code smell.
- Improve Junit test to parametrized test unit.
- Writing and debugging code.
- Participating in estimation discussions with the product team.
- Testing and documentation of developed code.
- Maintaining integration tests, unit tests and user acceptance tests.
- Identify and close any potential security risks.
- Refactoring code to improve quality.
- Attending developer meetings and participating in code reviews and quality assurance activities.
- Continually improving coding skills.

Technologies used: -

- Java
- Springboot
- Camel
- Angular
- Google Cloud Platform
- OpenTelemetry
- MongoDB
- Keycloak
- Junit
- Mockito
- Gitlab Pipelines
- Ansible tower
- Kibana
- Jasmine
- Karma
- App Smith
- ArgoCD
- SonarQube

Company Name : Webtonic Online Solution
Period of Service : 01 November 2021 – 6 March 2023
Position : Junior Full Stack Developer

PROJECT OWNER : HYPHEN TECHNOLOGIES
DURATION : 20 MARCH 2022– 06 MARCH 2023

As a Full-Stack developer, I was responsible for designing, developing, delivering, deploying, and implementing data-driven Web applications for Hyphen. Hyphen is currently rolling out a programme of software (Debtors and Creditors System) that ensures clients have a convenient and secure manner to create, review and approve recipient information, which may be used for conducting Collections or Payments.

Responsibilities include:

- Writing and debugging code.
- Participating in estimation discussions with the product team.
- Testing and documentation of developed code.
- Maintaining integration tests, unit tests and user acceptance tests.
- Identify and close any potential security risks.
- Refactoring code to improve quality.
- Attending developer meetings and participating in code reviews and quality assurance activities.
- Continually improving coding skills.

Technologies used: -

- Java
- Angular
- DB2
- MongoDB
- Keyclock
- Bamboo
- Junit
- Mockito

PROJECT OWNER

: RAIZCORP

DURATION

: 08 NOVEMBER 2021 – 14 MARCH 2022

As a Full-Stack developer, I was responsible for designing, developing, delivering, and implementing data-driven Web applications for RaizCorp. RaizCorp is currently rolling out a programme of software (Flowcode) that offer world-class incubation and world class acceleration, execute enterprise and supplier development programmes on behalf of corporates and train corporate leadership teams and sales teams to think more entrepreneurially on subscription service.

Responsibilities include:

- Writing and debugging code
- Participating in estimation discussions with the product team
- Testing and documentation of developed code
- Refactoring code to improve quality
- Attending developer meetings, and participating in code reviews and quality assurance activities
- Continually improving coding skills

I worked with the following technologies using the **JHipter** Platform framework:

- Java
- Angular
- MySql
- Rest API
- JSON
- MongoDB
- GitHub

Company Name : Reverside Software Solution
Period of Service : 28 March 2018 – 31 October 2021
Position : Junior Frontend Developer

As a Web Developer, I was responsible for designing, developing, delivering and implementing data-driven Web applications for my client Liberty Health. Liberty Health was currently rolling out a programme of software (Oracle) that we configure and customise to suite business processes. I have worked on several modules, some of which are solution development internally for business in SA and some which are modular based system implementation at other African countries.

Responsibilities include:

- Work collaboratively with project manager, senior developers, BA, Product owners & the entire SDLC team.
- Organize all digital assets and materials according to compliance regulations
- Design and develop web applications
- Integrating data from various back-end services and databases
- Conferring with teams to resolve conflicts, prioritize needs, develop content criteria, or choose solutions.
- Determining user needs by analysing technical requirements.
- Identifying problems uncovered by customer feedback and testing and correcting or referring problems to appropriate personnel for correction.
- Manage multiple, concurrent tasks across modules.

Technologies used: -

- Knockout JS
- Javascript
- TypeScript
- JQuery
- Ajax
- XML
- HTML
- CSS
- MySQL
- Oracle
- WSO2

SKILLS MATRIX

- Fully competent in use of developer's tool kits
- Design patterns
- Agile software development
- MySQL
- Oracle
- MongoDB
- RESTful API integration
- Java/Java EE
- Java Spring Boot
- WSO2 Enterprise Integrator
- Restful API
- Spring Data JPA
- Knockout JS
- Angular
- Javascript
- TypeScript
- JQuery
- Ajax
- XML
- HTML
- CSS
- Bootstrap
- SourceTree
- JHipster
- DB2
- Keycloak
- ArgoCD

EDUCATION

Name of Tertiary Institution	Cape Peninsula University of Technology
Year	January 2019 - December 2021
Qualification	BTech Information Technology
Major subjects	<ul style="list-style-type: none"> • Development Software 4 • Advanced Development Software 4 • Business Fundamentals 4 • Computer Security 4 • Database Systems 4 • Project 4 • Research Methodology • Project Management

Name of Tertiary Institution	Vaal University of Technology
Year	June 2013 – December 2017
Qualification	National Diploma in Information Technology
Major subjects	<ul style="list-style-type: none"> • Development Software (C#,Java,Ado.Net,Visual Basic,PHP) • System Software (Exam 70-410, CCNA) • Information Systems • Business Analysis • SQL • PL/SQL

Name of Tertiary Institution	Hebron Model School
Year	2011
Qualification	Grade 12

REFERENCE

Name: Craig Barsdorf
Company name: Wonderlabz
Relationship: Team lead
Phone Number: 072 751 6944

Name: Gugulethu Ngwenya
Company name: Wonderlabz
Relationship: Senior Developer
Phone Number: 073 482 7392

Name: Jason Damon
Company name: Wonderlabz
Relationship: Product owner
Phone Number: 0815876999

Name: Pumeza Mphuthi
Company name: Liberty Health
Relationship: Former Manager
Phone Number: 061 227 0430

Name: Lucile Green
Company name: Liberty Health
Relationship: former colleague
Phone Number: 082 564 0285