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# PERSONAL PROFILE

As a software engineer, I have a strong inclination towards the backend, and I find it exciting to discover new technologies in the tech industry. With a passion for staying on top of the latest developments, I am constantly seeking out new innovations in cutting-edge hardware and groundbreaking software. My commitment to providing excellent service to my clients is unwavering, and I am always exploring new ways to meet their needs and exceed their expectations. Whether through developing new applications or improving existing ones, I am dedicated to utilizing my technical expertise to deliver exceptional results.

# EXPERIENCE

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## Training Experience

### Semicolon Africa

07/2022 – 01/2023

* In-depth training on design thinking process, emphasizing empathy, problem framing, ideation, prototyping, and user testing to create innovative solutions.
* Training on developing critical thinking skills, including logical reasoning, evaluating arguments, problem-solving, and decision-making.
* In-depth training on Java programming language, covering syntax, object-oriented principles, data structures, and algorithms.
* Comprehensive training on Python, including the fundamentals, data types, control flow, functions, modules, and libraries.
* Introduction to spring framework, dependency injection, building Restful APIs with Spring Boot, database integration, handling security, testing and deployment.
* Basics of Django framework, creating web applications, models and databases, URL routing, templates and views, working with forms, authentication and authorization.
* Fundamentals of JavaScript, DOM manipulation, event handling, AJAX and asynchronous programming, working with libraries.
* Building web pages and layouts with HTML, styling with CSS, responsive design principles, understanding the box model, CSS frameworks like Bootstrap.
* Introduction to React, component-based architecture, JSX syntax, state and props, handling events, routing, managing forms, working with external APIs.- Design Thinking: Training on design thinking methodologies, including problem identification, ideation, prototyping, and user-centered design principles.
* Training on relational databases, including database design, SQL querying, and understanding concepts like normalization and data integrity.
* Data Analysis: Learning data analysis techniques using Python libraries such as Pandas and NumPy, covering data manipulation, visualization, and basic statistical analysis.
* DevOps: Introduction to DevOps principles, including continuous integration, continuous delivery, containerization, and deployment automation.
* Git and GitHub: Training on version control with Git, including branching, merging, and collaborating on projects using GitHub as a remote repository.

## Project Experience

### Semicolon Africa

### 01/2023 – 05/2023 Election Application (SpringBoot):

### Developed an election application that allowed voters, candidates, and administrators to vote securely.

### Implemented features such as candidate, voter, and admin profile creation and updates, voting and checking polls.

### Utilized SpringBoot framework to ensure efficient development and maintainability.

### Incomplete Uber Replica (SpringBoot, Ongoing):

### Created an ongoing project aimed at replicating the functionality of the popular ride-sharing platform, Uber.

### Leveraged SpringBoot to build a robust and scalable backend infrastructure.

### Collaborated independently to design and implement core features.

### CommuteShare (Django):

* Project Leadership and Management:

Assumed a leadership role in the project, coordinating efforts across a team of developers, designers, and testers.

Developed and communicated a clear vision for CommuteShare, aligning the team with project objectives.

Conducted regular meetings and status updates to keep everyone informed and engaged throughout the development process.

Agile Methodologies:

* Adopted agile methodologies to enhance project efficiency and collaboration.

Created comprehensive use cases and requirement documents to define the application's functionalities and user interactions.

Utilized various diagrams, such as class diagrams and sequence diagrams, to model the application's architecture and interactions, ensuring a well-structured design.

Task Management with Jira:

Leveraged Jira, a powerful project management tool, to assign tasks, track progress, and monitor issue resolution.

Regularly updated the project board with new tasks and priorities, keeping the team focused and organized.

Conducted regular reviews of completed tasks and provided constructive feedback to improve the team's performance.

Backend Development:

As the backend engineer, I was responsible for designing and developing the server-side components of CommuteShare.

Implemented Django, a robust web framework, to build the application's backend, ensuring efficient data handling and processing though it’s incomplete.

CommuteShare's core functionality centered around facilitating ride-sharing among users.

### Event Ticketing System (SpringBoot, Ongoing):

* Currently engaged in the design thinking and critical thinking phases of developing an event ticketing system.
* Designing a platform where users can browse and purchase tickets for concerts, sports events, or conferences.
* Planning to incorporate features like seat selection, event reminders, and e-ticket generation.
* Utilizing SpringBoot to build a scalable and user-friendly backend infrastructure

## Backend Engineering Intern

### Roadpadi

### 06/2023 – Ongoing Worked on a developer platform at Roadpadi: At Roadpadi, I played a pivotal role in enhancing our developer platform, empowering developers with seamless API integration to unlock the full potential of our services. My contributions enabled developers to effortlessly:

* Ignite journeys by booking trips with subscribed transport companies
* Instantly access travelers using traveler codes for efficient management
* Gain insights into transactions with ease

### Worked on a Super Agent system:

### I made a significant impact in shaping Roadpadi's Super Agent system, delivering groundbreaking features that redefined the travel experience. Leveraging my skills, I spearheaded the development of key functionalities, including:

# -Empowering Super Agents with comprehensive trip retrieval capabilities

# -Facilitating smooth subscription and unsubscription to transport companies

# -Streamlining trip management through precise pending trip retrieval based on dates and date ranges

# SKILLS

Technical :

**Python Java Javascript Sprinboot Django Flask Go**

**React Html Css Dart Flutter**Non-Technical :

**Good Communication Team Management Problem Solving**

**Emotional Intelligence Continuous L**

# TOOLS

### Google Suite/Microsoft Suite Jira Board AWS / Microsoft Asure

Intellij /Pycharm/VS code Git & Github Jenkins/Docker   
  
Junit/ Pytest MySQL workbench/Postgres/MongoDB

# EDUCATION

### Transition to Software Engineering

Semicolon - 2023

# REFERENCES

### Available upon request

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