

# Shreyas Lengade

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## PROFILE

Accomplished Software Developer with **3 years of experience** in **full-stack development**, specializing in the creation of scalable software applications and collaborative problem-solving using test driven development. Demonstrated ability to collaborate with **cross-functional teams** and **skilled in presenting impactful demonstrations** and **detailed documentation on software deliverables** and **testing outcomes to stakeholders, ensuring clear communication and project alignment.**

## KEY SKILLS

- Programming Languages: | Java | JavaScript | HTML 5 | CSS
- Databases: | Postgres SQL | MongoDB
- Frameworks and Cloud services: | Angular | Spring | AWS | Docker|
- Architecture Knowledge: | REST | MVC
- Testing and CI/CD Tools: | Junit | Postman | Jenkins | Git | GitHub Actions

## WORK EXPERIENCE

### ReadifyAi, Solutions Architect

January 2024 – June 2024

- Created an AI-driven dual platform educational app for children, providing interactive books and quizzes with real-time chatbot interactions and personalized experiences through prompt engineering with GPT-3.5 Turbo, using **RESTful services with REST architecture.**
- Technologies Used: Flutter, FastAPI, AWS, Angular
- Visit Site: <https://www.readifyai.io>

### Nell Infotech (Client: ACI Worldwide), Software Developer

October 2021 – October 2022

- Developed **RESTful APIs** for SWIFT GPI Tracker using Java and Spring to support new types of bank payments and tested their functionality with Postman, **enhancing functionality and system interoperability.**
- Showcased excellent client-facing skills by presenting demos and documentation to stakeholders, **contributing to a 95% customer satisfaction rating.**
- Collaborated with the team to execute integration, functional, and regression testing, successfully **completing over 10 user stories within strict deadlines** for SWIFT gateway and GPI payment modules.

### Edu-plus Campus, Junior Software Engineer Intern

January 2021 – June 2021

- Enhanced Eduplus' SaaS web application modules by **creating full stack applications with Java, Spring, Postgres SQL, and Angular with MVC architecture**, providing **better automation**, large-scale accessibility, and improved user experience, **boosting efficiency by 60%.**
- Conducted unit testing using JUnit to verify functionality and load testing to assess performance, significantly **enhancing the quality** of web applications.
- Successfully delivered product demos to clients as part of a team, **resulting in 95% client satisfaction** and successful onboarding, thereby **strengthening stakeholder relationships** and meeting business goals.

### Sangli Gas Services, IT specialist

June 2016 – June 2018

- Developed and managed an internal employee and records management portal using HTML, CSS, JavaScript, Java and Postgres SQL using **MVC architecture, automating records management and enhancing data management efficiency by 50%.**
- Resolved customer queries related to documents requirements, registration and service delivery **thereby increasing customer satisfaction and retention by 50%.**

## CERTIFICATIONS

Associate Data Engineer Certified by Data Camp: <https://www.datacamp.com/certificate/DEA0015082700208>

## EDUCATION

MSc in Business Analytics (2:1)

2023 - 2024

UCD Michael Smurfit Graduate Business School

Dublin, Ireland

Relevant Coursework: Advanced Python Programming, Data Mining, Big Data, Technology Consulting, Decision Support Systems

Master of Computer Applications (2:1)

2018 - 2021

Vishwakarma Institute of Technology

Pune, India

Relevant Coursework: Java, Database Management, Data Structures, Computer Networking, Object-Oriented Programming

## PROJECTS

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### Stock Data Ingestion and Visualisation System

- Engineered a real-time ETL pipeline for efficient stock market data ingestion, utilizing a bespoke API to ensure rigorous data quality checks. Expertly designed the ingestion framework and storage architecture to enhance data reliability and accessibility.
- **Additional details:** [https://github.com/ShreyasLengade/serverless\\_etl\\_pipeline](https://github.com/ShreyasLengade/serverless_etl_pipeline)
- **Technologies Used:** AWS Lambda, AWS Kinesis, AWS Glue, AWS S3, Grafana

### Financial Data API Service

- Developed and deployed a sophisticated API to provide users with seamless access to both real-time and historical financial data, leveraging advanced web scraping techniques to offer a robust, free-to-use data retrieval service.
- **Additional details:** <https://github.com/ShreyasLengade/stonk-backend>
- **Deployed Site:** <https://stock-market-data-manage.onrender.com/apidocs/>
- **Technologies Used:** FastAPI, PostgreSQL, Swagger, Docker, Render.com

### Energy Consumption Forecasting Model

- Collaborated with a four-member team to forecast energy consumption in Valencia, culminating in the formulation of a data-driven renewable energy adoption policy presented to our professor.
- **Additional details:** <https://github.com/ShreyasLengade/Energy-Consumption-Forecasting>
- **Technologies Used:** Python (Pandas, NumPy, Matplotlib), XGBoost, Random Forest, data visualisation techniques

### Impact Analysis of COVID-19 on Global Travel

- Developed a Decision Support System (DSS) to assess COVID-19's impact on global travel, revealing changes in flight routes and frequencies across different pandemic phases with data-driven visualizations.
- **Additional details:** [https://github.com/ShreyasLengade/business\\_decision\\_support\\_system](https://github.com/ShreyasLengade/business_decision_support_system)
- **Technologies Used:** Python, Tableau, Excel.