VISHNUPRIYA

Sr. Software Developer

München, Germany
vishnupriyamadhu1996@gmail.com
www.linkedin.com/in/vishnupriya-madhu

Match Me!

SOFTWARE SKILLS

Python,Django ,Artificial Intelligence, Pydantic, Pytest,Microsoft Azure, Azure DevOps,IOT, NodeJS,ReactJS, AngularJS, JavaScript, Typescript, MongoDB ,SQL, AWS, RESTfulAPI, HTML, CSS, Bootstrap, Webservices, AWS IoT Core,Jest, LUIS, AWS

DRIVING TOOLS

Bitbucket, Git, Postman, Swagger, JIRA, X-RAY, Visual Studio Code, AWS services, NPM, SonarQuobe, Jenkins, Splunk, Putty, OKTA, Jitterbit, VMWare. WinSCP, AWS CL

DATABASE

Postgresql, MongoDB,MySQL, Amazon DynamoDB, SQLite

OPERATING SYSTEM

Windows, Linux.

LANGUAGE SKILLS

German
(Beginner)

English
(Fluent)

Malayalam
(Mother tongue)

WORK EXPERIENCE (6 YEARS)

02/2022 – 11/2024*	**Senior Software Fullstack Developer** *at Cognizant, India*
09/2018 - 02/2022	**Backend Developer** *at Tata Consultancy Services, India*

*available to join immediately.

EDUCATION

2014 - 2018	**Bachelor of Technology (Computer Science & Engineering)** *Federal Institute of Science and Technology, India*.

Thesis: *Emotion Analysis from Speech*
- *The developed system could analyze different emotions from recorded piece of audio. Language used for implementation was Python*.
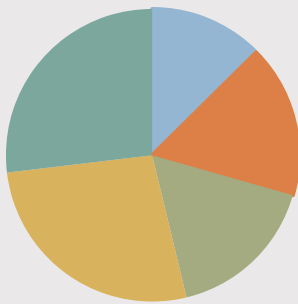
PROJECTS

12/2023 - 11/2024	**Prudential Eclient** Software skills: Python,Django,ReactJS ExpressJS , GraphQL ,MongoDB Compass, WinSCP, MongoDB,Typescript, Git, Jira, Bitbucket, Jenkins, AWS CLI, Splunk, Swagger,Pydantic, Pytest

- *Full Stack Developer* for the *eClient system at Prudential Life Insurance*, a web-based platform for creating and processing using *ReactJS* (frontend) and *Python/Django* (backend), with MongoDB for data management; leveraged *Pydantic* for data validation and serialization, and *Pytest* for developing and maintaining automated tests to ensure backend reliability.

12/2022 - 12/2023	**Lineage** Software skills: Python,Django, ReactJS,Nest js, GraphQL, AWS ECS, Postgres DB, Foxpro, HTML,CSS, Bootstrap .

- *Full Stack Developer* for *Lineage Logistics*, a leading provider of temperature-controlled warehousing and logistics solutions. Contributed to the development of a *logistics application* that tracked various stages of parcel transportation.
- *Backend development* in *Django (Python)*, *frontend development* in *ReactJS*, and *database management* with *PostgreSQL* to enhance system functionality and scalability.

ACADEMIC ACHIEVEMENTS

🎖 Passed with Distinction

🎓 Bachelors from a renowned engineering college

EXPERIENCE OVERVIEW

➢ **SECTOR**

- ■ Insurance
- ■ Finance
- ■ Logistics
- ■ IoT
- ■ Others

| 02/2022 - 12/2022 | **Agilent** |

Software skills: Python,Django, Microsoft Azure, Rest API, MySQL, GraphQL ,DynamoDB, Git, Jira, Bitbucket, SonarQuobe, OKTA,Jitterbit.

- ▪ **Full Stack Developer** for Agilent Technologies, developing an admin application to manage access across Agilent's product suite, with a backend built in **Python (Django)** using REST APIs, **MySQL**, and **DynamoDB**, a frontend built with **AngularJS**, secured integrations using **OKTA** authentication, and managed cloud deployments and CI/CD pipelines via **Microsoft Azure** and **Azure DevOps**.

| 07/2020 - 02/2022 | **Locker Boost (IoT Developer)** |

Software skills: Nodejs, AWS, Rest API, PostgresDB, AWS IoT services , AWS Lambda, Git, Jira, Bitbucket, NPM, SonarQuobe, SQLite,Jest , Swagger.

- ▪ **Backend Developer** for an **application managing the parcel locker network**, focusing on optimizing locker operations such as reservation, configuration, and capacity management.
- ▪ Developed and maintained the **backend services** using **Node.js**, **PostgreSQL**, and **SQLite** for data storage, ensuring efficient and scalable operations.
- ▪ Implemented **RESTful APIs** to facilitate seamless integration with **bpost operational systems** and external services.
- ▪ Utilized **AWS IoT services** and **AWS Lambda** to process real-time data and automate locker operations.

| 09/2019 - 07/2020 | **Chatbot Solution(AI developer)** |

Software skills: Python, Rasa, LUIS, Microsoft Azure,Pydantic

- ▪ *Backend Developer for Amway's Chatbot Solution, building an AI-powered IT support chatbot using **Python** and **Rasa** for NLU and dialogue management, integrating **LUIS** for advanced language understanding, ensuring data validation with **Pydantic**, developing automated tests with **Pytest**, and managing cloud deployments through **Azure DevOps** on **Microsoft Azure**.*

| 09/2018 - 09/2019 | **RIA Money Transfer** |

Software skills: NodeJS,Typescript, HapiJS,Expressjs, AWS EC2, AWS IAM, AWS API gateway, Git, Jira, Bitbucket, NPM, SonarQuobe, Jest.

- ▪ *Backend Developer for an **application developed for Belgium postal offices**, enabling essential money transfer functionalities, including **currency conversion** and **send/receive money** services.*
- ▪ *Built and maintained the **backend architecture** using **Node.js**, **TypeScript**, and frameworks like **HapiJS** and **ExpressJS** to implement and optimize key modules.*

16/01/2025