

Lavish Chhatwani

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OBJECTIVES

Dedicated Software Developer with 7 years of experience, skilled in translating business requirements into functional and intuitive frontend and backend technology. Proficient in developing and coding dynamic user interfaces connected with Database and REST APIs that align with user specifications while meeting the business's unique needs. Ability to work well in an international and multicultural and fast-growing environment.

TECHNICAL SKILLS

- **Backend Development:** Python, Java, NodeJS, PHP, Django, Flask, Fast Api, Sprint Boot, Microservices
- **Frontend Development:** TypeScript, ReactJS, Next JS, React Native, HTML5, CSS2, JavaScript (ES5/ES6), jQuery, Ajax, Redux, Redux-Saga libraries, Context API
- **Mobile Development:** React Native
- **Testing:** PyTest, PyUnit , Junit
- **Databases:** MongoDB, SQL, PostgreSQL
- **State Management:** Context API, Redux + Redux Toolkit
- **CI/CD:** Github pipelines, Git, Jenkins, Maven, CDN , CI/CD, Container, Docker, Postman, Kubernetes, Devops Practices
- **Frontend Design:** HTML5, CSS
- **Soft Skills:** Adaptive Design , Analytical Skills , Negotiation , Oral Communication, Problem Solving
- **API Architecture:** RESTful APIs, GraphQL, Async programming
- **Amazon Web Services:** Lambda, Api integration, S3, CloudWatch, SQS , Api Gateway, Batch Jobs, Sam, CloudFormation, Ec2, Security groups, Contact Center , Kinesis stream, Kafka stream, Rekognition, SSM , DynamoDb, Elastic Search, SNS, SQS, Code build, IAM, Glue, Athena, Quick Sight
- **Cloud Platform:** AWS, GCP
- **Versioning Tools/ Merging Tools:** GitHub, GitLab, Bitbucket
- **Project management:** Agile/Scrum

WORK EXPERIENCE

Python & Java Full Stack Engineer - EP Visa

Cognizant Malaysia

11/05/2022 - Present

Malaysia, Kuala Lumpur

Client: Amway

- Hands-on experience in developing Microservices for business which helps to replace manual work with automation and save a lot of time in business operations.
- Hands-on experience on development of REST APIs which are built in Python, NodeJS, Java using Aws lambda and Api gateway. Example :- Order Place API, Payment Api, Delivery Tracking API, Order Search API and many more.
- Developing and maintaining applications using ReactJS and Typescript and Context API.
- Involved in developing and maintaining new web applications and microservices in Thailand, Indonesia and other Markets as per the requirements.
- Involved in As400 Decommission Project and developed next generation framework for Thailand, Indonesia and other Markets as per the requirements.
- Developing an in-house project of Amway into new tech stack in Python, Java to React JS and Typescript.
- Presented architectural solutions to forums, ensuring alignment with organizational principles and standards while managing application delivery, release management, and production support.

Full Stack Developer

Mission Consultancy Services

01/02/2021 - 11/05/2022

Malaysia, Kuala Lumpur

Client: InstaDuit

- Hands-on experience in developing end to end web application which helps their customers to book available slots and take appointment before coming to office. I used Google calendar Api to manage the available slots and google Map Api to show the best route from their location to office. To Develop frontend I used bootstrap, JavaScript and Ajax and to develop the backend I used python and flask.
- Hands-on experience on writing python scripts to integrate multiple platforms with each other and generate various types of reports which were useful for business to make decisions
- Hands-on experience on amazon connects which is useful to create your own digital call center. InstaDuit is still using the same system to handle their customers. In case you want to have a demo, you can call on this number +60172159500 which is their registered number.

Python Developer

Odoo

20/01/ 2020 - 27/01/2021

Gandhinagar, India

- Hands-on experience in developing core frameworks like Odoo I was working there as a Python Developer in the Research and Development team.
- Hands-on experience of developing new features in marketing apps like Email Marketing, Sms Marketing, Marketing Automation, Social Marketing, Events.
- Used Python, HTML, CSS, ReactJS, React Native, and JavaScript to create a better UI experience and backend procedures with a framework similar to Django. Contributed significantly to the Website module for the visitor's page UI, enhancing user engagement.
- Developed ERP products which included various modules like Sales, Marketing, and Advertisement, integrating React Native for mobile interfaces where applicable to expand accessibility.

Software Engineer

TCS

12/07/2018 - 10/01/2020

Kochi, India

- Hands-on experience on developing POC (Credit Card Fraud Detection) The main goal of this project was to detect a fraud Transaction. The Dataset which was used to train the model contains 2,80,400 Transactions with 30 attributes and out of All Transactions only 492 belonged to fraud class. As it was a Classification problem Logistic Regression Algorithm was used to train the model. This web application was able to detect fraud Transactions with 92% Accuracy.
- Hands-on experience on developing another POC (Red Light Vehicle Detection) The goal of this web app is to detect vehicles which are not following the traffic rules. I used Django for backend and bootstrap 4, Html, JavaScript for frontend.
- Hands-on experience on developing another POC (Object Detection System) The goal of this web app is to detect the classes like (Mask, gun, human, fire, Knife) in images. I used Django for backend and using yolo for object detection.

- **Developed and Enhanced UI:** Utilized Python, ReactJS, React Native, and JavaScript to create a dynamic and user-friendly UI for the visitor's page module of the website. This work was a part of the Odoo platform, an open-source ERP product serving around 1 million customers globally.
- **Cross-Platform Development:** Leveraged React Native to develop mobile components for the visitor's page, ensuring seamless functionality and accessibility across Android and iOS platforms. Components included dynamic forms, navigation menus, and real-time data visualization modules.
- Used Python, HTML, CSS, ReactJS, React Native, and JavaScript to create a better UI experience and backend procedures with a framework similar to Django. Contributed significantly to the Website module for the visitor's page UI, enhancing user engagement.
- Developed ERP products which included various modules like Sales, Marketing, and Advertisement, integrating React Native for mobile interfaces where applicable to expand accessibility.

Top Skills

Python

- **I have Utilized Python**
 - To Implement microservices to integrate multiple systems using Aws Lambda, S3, SQS
 - To Implement various Cron jobs which help to generate and send the daily reports on emails to business.
 - To do Automation for posting advertisements on websites on a daily basis using airflow dags and selenium.
 - To scrape data from different websites and do the data cleaning and get the valuable data.
 - To Implement the Rest API's for various requirements using Django Rest Framework or Aws Api gateway and Aws Lambda.
 - To Implement end to end solution (web app) by which business can control the automation tasks.
 - To Implement the scripts to perform ETL operations on data where we can extract the data from various platforms like S3, DynamoDB, GCP Big Query and perform the Data transformation on that to get the valuable data and load the data to another platform to generate the dashboard for analytics.
 - To Implement new features in core frameworks like Odoo, Amway Next Gen.
 - To Develop end to end various web applications like Money Laundering Application, Instaduit Web Application, Back Office Admin Portal, Appointment Web Application, E-commerce Web Application, Fox Asset Management Web Application.

Java

- **I have Utilized Java**
 - To Developed Microservices APIs to perform select, insert, update & delete operations.
 - To Developed Cron Jobs as per the business requirements.
 - To Developed Business Logics as per the business requirements. Example : Tax & Vat Calculations & Other.

ReactJS

- **I have Utilized Java**
 - I have undertaken several projects involving a diverse range of technologies and frameworks. One such project involved building an Asset Management system using Redux and Python on the backend and Charts JS on the front-end.
 - I am familiar with Next JS as well as working on a small project where I need to fetch data from an api which was created using Aws lambda by me and need to show data in a table. Need to develop, create, update, delete, search and pagination functionality. (Server-Side Rendering was Mandatory).

Aws Services

- **I have Utilized Aws Services**
 - To Implement microservices where I used S3, SQS, Aws Lambda, CloudWatch, SES, SNS
 - To Implement a call center using Amazon connect for [InstaDuit](#).
 - To Implement notification service in case there is any error in the microservices using SNS.

- To Implement an Analytics dashboard using Quick sight.
- To Implement CloudFormation script for the deployment purpose of microservices. (CloudFormation).
- To Implement various Aws Batch Jobs to perform certain tasks where everything was deployed in elastic container service.
- For the deployment of web applications on Ec2 instances.
- I am also familiar with the boto3 python library which is useful to integrate Aws Services Api's

EDUCATION

Vellore Institute Of Technology

Vellore, Tamil Nadu

Master of Computer Application / July 2016 – Sept2018

Mohanlal Sukhadia University

Udaipur, Rajasthan

Bachelor Of Computer Science / Aug 2013 – Aug 2016