

SONY A. P

Coder . Web Developer . Java, Spring Boot, Python, Django & PostgreSQL Developer

- Work experience : **6 Years 6 Months (2015 June – Present)**
- Current employer : **Mercedes Benz Research & Dev. India (6.5 Years)**
- Current Designation: **Senior Engineer (Web Backend Developer)**

CONTACT

Mob: 9495287727

Email: sonypasokan@gmail.com

LinkedIn: [linkedin.com/in/sony-a-p-b-tech-it/](https://www.linkedin.com/in/sony-a-p-b-tech-it/)

ACHIEVEMENTS

- Innovation award in 2020 for Mini-HIL Dashboard MVP
- Mercedes X-STREAM awarded in 2019: Organization level achievement.
- 'Hackathon Gurus' awarded in 2019: Department level hackathon for set up of Error Strategy Manager.
- 'Innovation Award' of 2019 for POC and development of PR Matrix Web application.
- 'Above & Beyond Call of Duty' awarded in 2018 for end-to-end development of Hand Code Guideline Checker.
- Winner of 'Work Culture @Mercedes in a minute' in 2017.

PROJECTS & TECH STACK

- CEIC's KPI Dashboard** (2021 Jan-Present): Web application which plots various graphs at real-time using Quality metrics that flows either from Jenkins pipeline, Elastic Search API, Kafka streams or REST APIs built by us. Responsible for architecture, design, data modelling, backend development along with setting up data pipelines with Kafka and integration to Jenkins.
Role: *Team Lead, Backend Developer*
Tech Stack: *Java, Spring Boot, Hibernate, Maven, Python, Django, PostgreSQL, Django ORM, Kafka, Jenkins, Docker, Elastic Search*
- Error State Manager** (2020 Aug-Present): Web application to collect error strategies reported from all software components of IDC (Intelligent Drive Control) ECU. Responsible for architecture, design, data modelling, backend development and event driven systems.
Role: *Team Lead, Backend developer*
Tech Stack: *Java, Spring Boot, Maven, Hibernate, Python, Django, PostgreSQL, Django ORM, Django REST, Kafka, Elastic Search*
- IDC Variant Coding** (2017 Jun-2021 Apr): Web application to collect system requirements from Function Owners. Responsible for architecture, design, data modelling, backend & frontend development and event driven systems.
Role: *Team lead, Full stack developer*
Tech Stack: *Python, Django, PostgreSQL, Django ORM, Kafka, Java, Angular 8*
- IDC5 Tool Chain Dashboard** (2016 Jun-2017 Aug): Web application that interacts with all applications developed in-house and displays software execution results scheduled in Jenkins. Data from multiple applications are collected using Kafka messaging and Kafka streaming services.
Role: *Django Backend Developer*
Tech Stack: *Python, Django, Java, Spring boot, PostgreSQL, Django ORM, Kafka*

In addition to above projects, I've also worked on setting up [Git](#), [Hook](#) scripts, Unittest framework for C (project in Python CLI) & developed web apps called [Topology Visualizer](#) (Web app for topology of ECUs) & [PR Matrix](#) (Web app for SWC Architecture).

SKILLS

Programming languages:

Java, Python

Web technologies:

Spring boot, Django, Hibernate
REST, HQL, Microservices

Database:

PostgreSQL

Data Modelling:

Django ORM

Messaging services:

Kafka messaging in Java, Python

Streaming services:

Kafka streaming with Java

Continuous Integration:

Jenkins

Containerization tool:

Docker, Docker Hub

Build Tools:

Maven

Version Control:

Git, SVN, MKS

Cloud Platform:

Amazon Web Service

Collaboration Tools:

Jira, Confluence, Bitbucket, Crucible
Gitlab, Github, JFrog

EDUCATION

Bachelor of Technology in
Information Technology (2011 – '15)

GEC Barton Hill, Trivandrum
Kerala University

CGPA: 8.15 / 10