Sarvesh Palav

B.E. (CSE)
Date of Birth – 06/03/1996

Experienced professional in software programming languages/frameworks like Python , Angular, React, Android, HTML, CSS, SCSS, Java, MySQL, Typescript & Node JS. Praise-worthy performance leading to awards and accolades

ACADEMIC PROFILE

B.E. (CSE)	2013-17	Padre Conceicao College of Engineering, Goa University	*56%*
Class XII	2012-13	Dnyanprassarak Mandal's Higher Secondary	*62%*
Class X	2010-11	New Goa GS Amonkar High School,Mapusa, CBSE	*73%*

PROFESSIONAL EXPERIENCE

Optel Group - Software Consultant	2022 - Present

Roles & Responsibilities	▪ Developed full-stack web applications with the following stack - **Python , FastAPI , PostgreSQL and React- Typescript** ▪ Implemented comprehensive unit tests with **Pytest and Behavior-Driven Tests** to ensure the reliability and correctness of the codebase, allowing for faster development iterations and improved code quality. ▪ Successfully managed and worked on various projects on **Google Cloud Platform (GCP)**, leveraging a wide range of cloud services like **Compute Engine, Cloud Storage, Cloud Functions**, and more to deploy scalable applications. ▪ Utilized **Pulumi** to define infrastructure as code, enabling seamless and consistent deployments across different cloud environments, reducing manual errors and simplifying the deployment process. ▪ Delivered multiple projects in the **Traceability domain**, catering to diverse clients' needs, providing solutions for tracking and documenting processes to ensure compliance and transparency. ▪ Designed and developed **RESTful APIs** using FastAPI, enabling smooth communication between the frontend and backend systems. Implemented data ingestion services to securely and efficiently process data from various sources. ▪ Containerized applications using **Docker**, streamlining deployment and ensuring consistent behavior across different environments, making it easier to manage and scale projects. ▪ Helped in setting up **Continuous Integration/Continuous Deployment (CI/CD)** pipelines to automate the build, testing, and deployment processes ▪ Created interactive dashboards, reports, and data visualizations in **Google Looker**

Transverse - Senior Software Developer	2021 - 2022

Roles & Responsibilities	▪ Worked on Stack - **Angular 12, Node JS , MongoDB, AWS Cloud** and handled **deployment** as well. ▪ PTMS- Worked on a Web Application that manages property tax for various states. ▪ Developed Multiples Dashboards for companies to manage their data ▪ CITY OS and TOS - Worked on Data heavy applications to present **spatial data and GIS based data** on Web application for analysis purposes ▪ Worked with a **major bank** in India as a client to develop **spatial data analytics** for them to improve their sales and custom outreach. ▪ Managed multiple live projects and was offered **stock options** after good performance ▪ Handled Linux Servers , Setting up new applications and maintaining them on the server.

Freelance Experience - Software/App/Website development	2017 - 2021

Roles & Responsibilities	▪ Worked as **A Web Freelancer** working on multiple Static Websites and Ecommerce Projects based on **Wordpress, Woocommerce** and **Elementor** using **Custom Styling** Built a **dynamic website** for **Growth Gravy** client in the **IoT sector** as an outsourced web developer ▪ Developed the initial framework for an **Angular** based project with a team of developers (**Compdhenu Software Solutions**) for a **US based Client** ▪ Worked as an Android Freelancer using **Java** and **Android Platform IDE** to develop Call recording and note taking module for a Android Application

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TECHNICAL SKILLS	
Programming Languages: Python, Java,C,C++,JavaScript,TypeScript	
Frontend Development: React JS ,Angular, HTML5,CSS,SCSS & Native Android	
Backend Development: Node.js , Fastapi , Express JS, PHP	
Database : MySQL , PostgreSQL , MongoDB, SQlite and Firebase realtime database	
Tools : Docker, Pulumi , Jenkins , Looker	

INTERNSHIPS & PROJECTS	
Solo Projects	▪ Worked on a **COVID relief dashboard** for **Goa**,India as a **Head Developer** by collaborating with volunteer groups – Received **recognition and appreciation** from Indian media ▪ Built '**Focus time**' Android app using **Java** and **Android Platform IDE** that is live on Playstore – It is a task management application which has garnered **2k+ downloads** and **4.4 rating** ▪ Developed an **Android** and **Java** based mobile app for College Cultural Event "Mithya 2017"
Internship	**PHP Developer – Helix Tech** ▪ Built an in-house Web based project using **HTML5**, **CSS**, **PHP**, **MySQL**

AWARDS & ACHIEVEMENTS	
Hackathons	▪ Secured **1st place** in **Global Hackathon Semicolons** by **Persistent System Limited -** Developed an Android app using **Java** and **Android Platform IDE** for Application named **'Drishti'** that helps **visually impaired** make sense of their surroundings ▪ Secured **3rd place** in **BITS Goa Quark National Hackathon** built an **Android app** on 'Transport' topic using **Java** and **Android Platform IDE** . **PHP**, **Oracle MySQL** ▪ Secured **2nd place** at **InterCollege Hackathon** for an **Android app** 'Incidence' to report incidence in a city using **Java** and **Android Platform IDE**, **PHP**, **MySQL**