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Professional Summary

Full Stack Developer with **3+ years** of experience in designing, developing, and deploying scalable web applications using **Python (Frappe/FastAPI), JavaScript/TypeScript, Angular, and Vue.js**. Proven track record in optimizing backend performance, automating ERP workflows, and deploying containerized applications via **AWS and Docker**. Proven ability to reduce database load errors and improve application page load times.

Work Experience

Assimilate Technology

Full Stack Developer

Pune · Mar 2024 - Present

Python, Frappe, Node.js, Express.js, JavaScript, Typescript, MariaDB, Vue.js

- **ERPNext & Frappe Development:** Engineered and maintained **8+ custom ERPNext modules** (HRMS, CRM, Inventory, Real Estate), driving system adoption across multiple client deployment sites.
- Designed and deployed specialized Frappe extensions-including Gate Management and Dashboards-automating workflows for over **500+ daily operational transactions**.
- Optimized Vue.js component architecture and state management, accelerating frontend page load speed by **25%** and enhancing user retention.
- Architected REST APIs and database layers with Python, Express.js, and MariaDB, reducing data transfer errors by 15% and speeding up queries
- **DevOps & Cloud Deployment:** Configured server setups and deployed containerized applications on Ubuntu using Docker and AWS, boosting system reliability, cutting deployment times, and enabling efficient resource scaling.

Software Intern

Pune · Dec 2023 - Feb 2024

Maintained backend logic for the KUULI platform using Python, Express.js, PostgreSQL, and MariaDB.

- Developed custom Frappe modules and optimized database queries, reducing query response time and improving overall platform performance
- Recognized as **Star Employee** for delivering zero-defect bug fixes during internship.

Technical Skills

- **Programming Languages:** Python, Typescript, JavaScript, Java, SQL, PHP, C
- **Frontend Technologies:** Angular, Vue.js, Tailwind CSS, Bootstrap, HTML, CSS
- **Backend & Frameworks:** Express.js, FastAPI, Node.js, Frappe, Flask, Spring Boot, Hibernate
- **Databases & ORM:** PostgreSQL, MySQL, MariaDB, MongoDB, Redis, Firebase
- **Cloud & DevOps:** AWS, Docker, Git, GitHub, Nginx, Linux, Ubuntu

Education

Master of Computer Applications (MCA)

ASMA Institute of Management

Jun 2020 - Apr 2022

Pune

Bachelor of Computer Applications (BCA)

New Arts Commerce and Science College

Jun 2017 - Apr 2020

Ahmednagar

Projects

Production Scheduling & Mold Management Tool (MSS)

Assimilate Technologies

Pune

- **Tech Stack:** Python, Vue.js, JavaScript, Frappe Framework, ERPNext
- **Capacity & Workflow Automation:** Built a custom ERPNext module streamlining production scheduling by calculating shift capacity against Bill of Materials (BOM) requirements and auto-generating Sales Orders from Blanket Orders.

- **Asset Tracking Integration:** Integrated mold lifecycle, maintenance, and availability tracking into the scheduling engine to prevent resource conflicts and optimize shift planning.
- **Integration:** Designed as a specialized MSS (Master Production Scheduling) tool for ERPNext/Frappe.

HRMS Biometric Integration Tool & Resume Lens App

Assimilate Technologies

- **Tech Stack:** Python, React.js, JavaScript, Frappe Framework, ERPNext, REST APIs
- **Resume Processing Automation:** Engineered an automated recruitment tool using React.js and Python to extract resume data and streamline candidate parsing workflows directly inside ERPNext.
- **Hardware & Systems Integration:** Architected a real-time biometric attendance sync system in Python, connecting physical attendance logs with ERPNext for automatic shift mapping.
- **Process Optimization:** Streamlined core HR operations, drastically reducing manual data entry errors and accelerating candidate intake and daily attendance tracking.

Multi-Stack E-Commerce & Showcase Platform

- **Tech Stack:** Angular, TypeScript, Python (Flask), PHP, MySQL, Bootstrap, REST APIs
- **Frontend Engineering:** Designed and built responsive, component-driven e-commerce user interfaces using Angular and core PHP, optimizing mobile UX and dynamic product filtering.
- **Backend & API Architecture:** Developed RESTful micro-services in Flask (Python) and PHP to handle dynamic product catalogs, inventory management, and category administration.
- **Database & Admin Control:** Structured MySQL relational database schemas to store transaction data and built custom admin panel dashboards for seamless content and category updates.

Software TechIT Cross-Platform Platform (Web & Mobile)

SoftwareTechIT

- **Tech Stack:** Angular, Node.js, Express.js, MongoDB, Android (Java/XML), Python, REST APIs
- **Full-Stack Architecture:** Architected a multi-platform solution consisting of a responsive web application and an Android mobile app connected to a shared REST API backend.
- **Web Engineering:** Built dynamic UI components using Angular and Node.js, integrating MongoDB for scalable content storage and user data management. Applied SEO and content marketing strategies, boosting website traffic by 40%.
- **Mobile & API Integration:** Engineered an Android app in Java/XML, integrating YouTube APIs and backend REST endpoints for real-time video streaming and content delivery.

Certifications

- Angular Developer: SP Institute
- Android Development: SEED InfoTech
- C++ Developer: SEED InfoTech
- Java (Hibernate, Spring Framework): SEED InfoTech
- Web Component Developer (WCD): SEED InfoTech
- Data Structure using C: SEED InfoTech
- Full Stack Web Developer Program: Edureka in July 2023

Achievements

- **Android Workshop:** Participated in a 3-day in 2017, conducted by Radiance IIT Bombay at NAC&SC College.
- **Fest Dev-Tech C Programming & Web Development:** Competition by IMS College.