

PAVAN SAI CHENNAM

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SUMMARY

Full Stack professional with **3+ years** of expertise, delivering actionable business insights, and driving a 15% revenue growth. Proficient in **MERN Stack**, **Python**, **Oracle e-HRMS**, **Database** Systems and Cloud-based solutions for real-world applications. Dedicated to continuous learning and staying updated with emerging technologies and best practices.

PROFESSIONAL EXPERIENCE

Full Stack Developer, San Jose State University

Aug 2022 - May 2023

- Oversaw a 4-member **Agile** project, supervising the utilization of the **MERN** stack and deployment to **AWS Load Balancer**, contributing to all aspects and functionalities of development.
- Built a **MERN** stack and Spring Boot app, hosted on **AWS EC2**, for a cloud-based robot service platform. It streamlines operations, manages drink-making robots, and targets a 30% increase in customer engagement.
- Engineered an innovative **Flask-ReactJS** application to provide stock recommendations based on predefined strategies, leveraging external API-driven trends; generated insightful pie charts to visualize stock allocations.

Software Engineer I, Applaud Solutions India Private Limited, Hyderabad

Mar 2021 - Jul 2022

Clients: Experian (Phase 2), Kuwait National Petroleum Co., West Virginia University

- Incorporated and implemented functionalities, configuration patches and delivered documentation. Designed Functional and Technical **BR.030** documentation to assist clients.
- Collaborated cross-functionally with engineering and customer success teams to swiftly address customer fixes, resulting in a 50% reduction in average resolution time and improved customer retention by 15%.
- Proactive issue resolution, technical support and thorough root cause analysis led to a 15% revenue increase.

Applications Consultant, Applaud Solutions India Private Limited, Hyderabad

Jun 2019 - Feb 2021

Clients: Experian (Phase 1), Two Sigma

- Cooperated in Core HR, Employee and Manager Self-Service, **SSHR**, Absence, and Oracle Time & Labor (OTL).
- Gathered client functional requirements, implemented Scrum-based patches, and performed **MD120** documentation.
- Engaged with the Core Technical team for **demos**, issue resolution, and adherence to **Agile** practices.
- Configured HR Portal including Pay slip, P60 and P11D with custom templates using the Applaud Cloud.

Intern, Applaud Solutions India Private Limited, Hyderabad

Jan 2019 - Apr 2019

- Led exploration of Applaud HR features, leveraging REST APIs, fast formulas, triggers, packages, XML, and database objects to enhance product functionality and optimize data handling.
- Boosted system performance, resulting in a remarkable 20% improvement in efficiency.

PROJECT EXPERIENCE

Aug 2022 - May 2023

- Executed a project to assess ChatGPT's performance through **Blackbox testing**, encompassing diverse aspects of chatbot, utilizing a custom **Python** script to evaluate responses, with a minimum accuracy threshold of 60%.
- Developed a multifaceted e-commerce website with **PHP**, **HTML**, and **CSS**, providing 4 different services such as a watch store, mobile store, electronics. Created a dedicated watch store website integrated into broader market place.
- Constructed CNN-based deep learning models to recognize various fruits and vegetables using the Fruits-360 dataset. Conducted pre-processing, performance testing, and data analysis.
- Innovated an Android app with a team of 4 using **Android Studio** includes exam hall tickets, data updates, book tracking, late fee payments, and book availability. Operating in department library, with plans for campus-wide adoption.

SKILLS

Languages & Web Technologies: Python, ReactJS, Node.js, C, C++, SQL, PLSQL, JavaScript, CSS, HTML, Java

Databases/Cloud: MongoDB, Oracle, MySQL, Amazon (EC2, S3), Google Cloud Engine

Libraries/Frameworks: NumPy, Pandas, Matplotlib, GitHub Framework

Design principles & SDLC: ER Diagram, Scrum, UML diagram, Agile

ERP Solutions: Oracle HRMS 11i/R12 - Core HR, SSHR, OTL, Fast Formulae

EDUCATION

Master of Science, Computer Software Engineering

Aug 2022 - Present

San Jose State University, San Jose, CA

Bachelor of Technology, Information Technology

July 2015 - May 2019

VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad