Ram Ravidas Mankar

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PROFESSIONAL EXPERIENCE

TAZAPAY   **Chennai, TN, IND**
Software Engineer   **JUNE 2022 - AUGUST 2023**

- Developed a digital wallet generation system, customizing wallets for various country-currency combinations and linking them to a single bank account, improving financial management flexibility and efficiency by 20%.
- Created RESTful APIs in Golang, enabling integration with over 10 payment methods spanning 173 countries with a fintech platform.
- Built a customer support ticket system with Golang, Postgres, and AWS services, enabling automated responses, leading to upgraded customer satisfaction and 30% faster issue resolution times.
- Designed an Entitlement service to dynamically activate or deactivate features for customers, optimizing billing processes and improving flexibility in feature management and revenue tracking by 15%.
- Mentored intern developers, enhancing their technical skills and increasing productivity by 25% while fostering a collaborative and learning-oriented environment.

CONNECTWISE   **Pune, MH, IND**
Software Engineer   **JULY 2020 - MAY 2022**

- Engineered a File Transfer Service to retrieve daily health reports from 1 million devices, documented APIs with Swagger for seamless integration, and improved system efficiency and developer productivity.
- Collaborated on an application for remote access to Windows, Linux, and Mac machines via GUI and Terminal interfaces, boosting user accessibility and flexibility, and increasing user satisfaction and productivity by 30%.
- Integrated multiple Cloud Services, consolidating over 100 features into a single application, streamlining user access and improving operational efficiency, resulting in enhanced user experience and productivity gains.
- Built a concurrent data retrieval system with goroutines for 100k machines, ensuring real-time updates and improving support efficiency by 15%.
- Led an agile team in the depreciation of legacy applications from 1 million devices; utilized customer feedback and detailed capacity planning to enhance operational efficiency by 30% and product delivery by 35%.

EDUCATION

UNIVERSITY OF TEXAS AT ARLINGTON   **Arlington, TX, USA**
Master of Science in Computer Science   **AUGUST 2023 - PRESENT**

- **Courses**: Data Analysis, Cloud Computing, Big Data, Distributed Systems, Data Mining, Machine Learning.

SAVITRIBAI PHULE PUNE UNIVERSITY   **Pune, MH, IND**
Bachelor of Computer Engineering   **JUNE 2016 - JUNE 2020**

- **Courses**: Data Structure and Algorithm, Object Oriented Programming (OOP), Cyber Security, Web Development, Database Management System, Operating System, Computer Networks, Project Management, Mobile Development.

PROJECTS

- **Vault**: Developed and deployed an OTP-based cloud storage solution that increased data security by 45%, safeguarding sensitive information from breaches and ensuring comprehensive confidentiality and protection.
- **E-commerce**: Engineered a comprehensive e-commerce platform with features for purchasing, selling goods, and managing inventory, ensuring seamless user experience and robust functionality to support diverse business needs.
- **Vision**: Computer vision technology is used to precisely detect defects in assembled parts with an accuracy rate of 95%.
- **Mess Management**: Created a subscription-based meal management Android mobile app, aimed at providing users with customized meal plans, fostering healthier eating habits, and facilitating convenient meal preparation.

ADDITIONAL INFORMATION

- **Programming:** Golang, Python, Javascript, Typescript, Java, C, C++, PHP, Bash Scripting
- **Web Technologies:** ReactJS, NodeJS, Flask, Django, HTML, CSS, Gin, Gorilla, YAML, JSON, XML, GRPC, Postman
- **Cloud Technologies:** AWS, GCP, Kafka, Redis, Docker, Kubernetes, Git, Github, Gitlab, Jenkins, Terraform, CI/CD
- **Big Data Technologies:** Spark, Hadoop, Map Reduce, Pig, Hive, Kafka, RabbitMQ
- **Database:** SQL (Postgres, MySQL), NoSQL, Cassandra, MongoDB
- **Other:** REST API Development, Microservices, Integration, Designing, Planning, Development & Deployment, Agile, Scrum, Kanban, SOLID, Design Patterns, Debugging, Unit Testing, Root Cause Analysis (RCA), Excel, Linux, Unix
- **Certifications:** Golang (HackerRank), Python (Google), Javascript (Meta), Version Control (Meta), React (Meta)