

CHANDRU VINAYAGAM

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Education

MS Ramaiah Institute of Technology

Aug 2019 – Jun 2022

Bachelor of Engineering in Computer Science and Engineering

Bangalore

Experience

More Retail Private Limited

April 2022 – Present

Software Development Engineer I | Python, REST API, ReactJS, AWS, PostgreSQL, MongoDB

Bangalore

- Contributed significantly to the improvement of customer experience and transaction efficiency for supermarkets and hypermarkets through an optimization of checkout processes using software.
- Achieved a 75% decrease in loading times and a 55% increase in overall user satisfaction by architecture and deploying robust REST APIs.
- Enhanced operational efficiency and system reliability by implementing automated updates and database backups across 1800+ systems.
- Improved customer experience through the implementation of a WhatsApp bot, which reduced response times and increased engagement by 82 %.
- Delivered instant e-invoices via WhatsApp, processing 85,000+ per day, increasing customer engagement by 80%.

Software Engineer Intern | Python, MySQL, and ReactJS

- Implemented personalized shopping enhancements using QR codes, delivering top-store offers and 15 tailored deals based on past behavior.
- Delivered a modern and user-friendly e-invoice interface, improving efficiency and receiving positive user feedback.

Olcademy

August 2020 – February 2021

Web developer Intern - Front End Lead | Python, Selenium, Google Cloud Console

- Elevated website interface designs, optimizing user experience and aesthetics.
- Led and motivated a team of 10+ front-end developers, ensuring high-quality deliverables.
- Organize cross-departmental collaboration, resulting in a notable 60% enhancement in website functionalities.

Projects

Spell Check Tool for Kannada Language using SymSpell Algorithm | *Python, Flask, MySQL, Azure* **August 2022**

- Developed an innovative Kannada spell-checking tool, boosting accuracy in document editing by 75% and enhancing real-time typing accuracy by 60%. Empowered writers to produce polished content seamlessly.
- Achieved 65-70% accuracy for new words and trained with 80-90% accuracy.
- Secured Rs. 1,00,000 funding from Government of karnataka and KAGAPA for official us.

Identification of Traffic Rules Violation using Video Analytics | *Python, Tensorflow, ML*

August 2021

- Developed an automated system to track vehicles violating regulations in aerial video frames.
- Achieved an accuracy rate of 72% even in adverse weather conditions such as fog and cloudy weather.

Technical Skills

Languages: Python, C++, C

Web Technologies: ReactJS, JQuery, AJAX, FastAPI, Flask, HTML, CSS, JavaScript

Cloud Platforms: GCP & AWS - EC2, Lambda, Kinesis, Glue, Redis, AuroraDB, SQS, EventBridge, S3, Secret Manager, IAM

Databases: PostgreSQL, MySQL, MongoDB

Developer Tools: VS Code, Selenium, Jenkins, Git, Jira, Figma

Achievements

- Rewarded Project Management Professional Certification from “Google” .
- Rewarded IT Automation with Python Professional Certification from “Google” .
- Achieved impressive 872 ranking in Scaler - CodeX competition, showcasing coding prowess.
- Attained commendable 8426 ranking in Google HashCode 2021, demonstrating problem-solving skills.
- Rewarded 12 skill badges and 24 Quests badges from the “Google Cloud Program”.
- Course Completion Certificate in ReactJS, Redux, and Advanced Python from LinkedIn.