

Santhosh Aditya

Bengaluru

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EXPERIENCE

•Pulse Energy

Aug 2025 - Nov 2025

Contract Software Engineer

Bengaluru

- **Real-Time Charging Pipeline Improvements:** Built an alerts and whatsapp notification system for monitoring charger events (via OCPP) and charging session events. Developed charging rate configurability for different vehicle models.
- **Charging Station Management and Security:** Implemented geofencing with configurable radius for station whitelisting, prevented consumption hijacking for a CPO partner through soft station blocking
- Built Mobile and Web APIs for **Review Management**(feedback collection, review expiry, periodic review requests) and **Refund Processing**
- Tech: Javascript, Typescript, Nodejs, SQL

•G2

June 2024 - April 2025

Full Stack Developer

Bengaluru/ Remote

- Developed and enhanced LinkedIn and Hubspot Integrations highlighting Customer ROI which led to **increased customer renewals by 93%** for customers using these integrations
- Redesigned the existing Dashboard Backend to work with all Integrations
- Worked with Product to research new ROI solutions and ran A/B tests
- Enhanced the Dashboard by building new components, updating the designs of existing page
- Built an MVP of an AI Onboarding Agent for the G2 platform within 3 days, showcasing rapid development and innovation
- Gave a few internal Talks on Code Quality
- Tech: Ruby on Rails, Javascript, Rspec, SQL, ViewComponents, Stimulus, Redis, Docker, Agile, Monolith, caching, Postman, design patterns, automated tests, SaaS

•Velocity

June 2022 - June 2024

Software Engineer

Bengaluru

- Designed and built the entire underwriting tech which included building new features, designing systems and handling the serverless infrastructure
- Recognised for developing an IRR model, a proprietary credit assessment framework, **automating 68% of credit decisions** leading to **reduction in average underwriting TAT from 5 days to 1.7 days**
- Worked on building a new streamlined customer data collection system which led to **reduction of loan disbursement TAT by 28%**. Built an internal wrapper around openpyxl to generate and serve complex financial spreadsheets to users.
- Planned and migrated a serverless system to FastAPI server, and built an internal operations tool for data engineering, powered by an S3-backed SFTP server and BigQuery
- Migrated 2 sources of analytics Data pipelines as a part of Data Engineering Team effort that resulted in **cost savings of 1.5lakhs per month**
- Tech: Python, NodeJS, Ruby on Rails, SQL, Airbyte, Step functions, Cloud Watch, S3, Redis, NoSQL, Apache Beam, Pandas, Serverless, Devops, BigQuery, GCS, Lambda, DynamoDB, Agile, Microservices, caching, CI/CD, Google Cloud, design patterns

•Cracku

Sept 2021 - May 2022

Full Stack Developer

Hyderabad

- Developed a QA forum and a Checkout Store. Created dashboards and visualizations for internal logistics and marketing teams
- Built a public-facing GMAT score calculator and a leaderboard using user and publicly scraped data, enhancing user engagement.
- Tech: Python, Django, Django REST Framework, Postgres, RabbitMQ, d3.js, HTML/CSS, JQuery, Cloudfunctions, MVC

NOTABLE SIDE PROJECTS

•Browser Native AI Ad Blocker

A chrome extension running a native CLIP model using WebGPU/WASM that detects Ads on websites. Real-time nature. Fully offline

- Tech: Javascript, Chrome Extension, transformers.js, Web API Link

•Contribution to OSS Project Agentive

Designed and developed a fallback strategy for unextractable key-value pairs of OCR data

– Tech: FastAPI, python, Azure DocAI Intelligence

•**A Near Real time Micro-Batched Sensor Data Pipeline**

Tech: python, Data Lakes, multiprocessing, pandas

•**Identity Reconciliation System**

Track users across different phone numbers and emails

– Tech: Typescript, Express, Prisma

TECHNICAL SKILLS

Languages: Python, Javascript, ES6, Typescript, Ruby, HTML5

Frameworks: Django, Django REST Framework, Rails, FastAPI, Nodejs, Node, React, ReactJS, Vue, Flask, Pandas

Databases: PostgreSQL, MySQL, BigQuery, Redis, S3

Cloud: AWS, Docker, kubernetes(k8s), Lambda, GCP, Cloud Functions, Step Functions

Tools: Git, Postman, JIRA, Confluence, Claude Code, Cursor

Domains:Applied AI, REST APIs, OAuth, Database Design, Frontend, Unit Testing, End to End Testing, Serverless, Integrations, ETL, Analytics, Version Control, back-end, front-end, Containerization, Troubleshooting, debugging, deployment, cloud computing, technical support, software development, cross functional, data structures, functional programming, Infrastructure as code, code review, full-stack, customer journey, collaboration. problem solving, integration testing, infrastructure-as-code, business objectives, customer needs

ACHIEVEMENTS

- Built a Multi-Agentic model prototype within 3 days at G2 company-wide hackathon
- Secured State First rank in Physics in Andhra Pradesh DEECET 2017
- Gave a Flash Talk on Svelte at RubyConf India 2024