

HASIT PARMAR

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Ahmedabad

EDUCATION

L.D College of Engineering
Bachelor’s in Computer Engineering
2018 - 2022

ACHIEVEMENTS

CAP (Crest Appreciation Program) award 2024
Determination and devotion to the project's accomplishment and smooth completion of the MS Teams projects.

3rd prize in IEEE INGARSS 2021
For the paper “Deep Learning-based Emulator for 6S Atmospheric Correction Model” I created and optimized the Neural network model to achieve significant results.

SOFT SKILLS

- Skilled in Scrum and Agile methodology for adaptive project management.
- Strong communicator with active listening skills.
- Focused on details and committed to quality.
- Quick to adapt to new technologies and changing needs.
- Experienced in large-scale projects from research to implementation.

PROFESSIONAL SUMMARY

Full stack engineer with over 3 years of experience turning ideas into impactful solutions, specializing in Python. I have led 4+ projects, making key technical decisions and driving development efforts in diverse areas such as RESTful APIs, serverless computing, and CPU intensive workflows. Hands-on experience working with AWS to develop and deploy cloud-native solutions. Skilled in understanding client needs, evaluating the feasibility of customer’s requirements, and estimating project efforts.

SKILLS

- Python
- JavaScript
- Go (Basic)
- Django
- Flask
- React.js & Vue.js
- PostgreSQL
- ORM & Schema design
- MongoDB
- Pytest
- Gitlab CI
- Multi-threading
- Asynchronous programming
- Microservices
- REST APIs
- Docker
- Git
- AWS Lambda, EC2, SQS, Cloudwatch
- Azure App registration, Functions, and Bot service

WORK EXPERIENCE

Senior Software Engineer, Crest Data Jan 2022 - Current

*Delivered **6 integrations** of IBM QRadar, **5 applications** of Microsoft Teams.*

Requirement analysis and project scoping

Analyzed customer requirements, defined project scope, and provided effort estimates for 5+ projects.

Designed application architecture

Created the architecture for delivering real-time news alerts using event-driven services (AWS Queue and Lambda) and stateless APIs, ensuring GDPR compliance.

Service development

Wrote fault-tolerant cron jobs to pull data from APIs and ingest them into the data platform, built REST APIs for effective inter-service communication, and applied communication strategies using both synchronous and asynchronous methods between different services. Implemented real-time analytics dashboards and configuration pages using React.js.

Third-party OAuth integration

Integrated the client’s OAuth mechanism into custom applications, handling token exchange, auth redirection, and managed refreshing access tokens.

Code quality assurance

Wrote unit tests for Python and React apps, and performed API and performance testing.

Monolithic deployment

Wrote Dockerfiles for Python and Node.js apps, deploying services on-premises and to AWS Lambda/EC2.

Deep Learning Trainee, Secura world Aug 2021 - Nov 2021

Built a a tool that summarizes long CCTV footage into short clips, highlighting key objects like people and cars while preserving attributes and relevant events.

Object detection

Used transfer learning on the YOLOv4 model to accurately detect vehicles and people, and built a central controller to coordinate cameras, detectors, and trackers.

Vehicle direction recognizer

Devised an algorithm for vehicle direction recognition, distinguishing between left and right turns, straight movements, and U-turns using vector theory.