
Aravindan Natesan

Software Engineer

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A Forward-Looking Software Engineer with experience in creating, maintaining, and enhancing highly scalable, maintainable software. Experienced in all aspects of the software development lifecycle, from concept through to development and delivery. Hands-on in a fast-paced, Test-driven, Cloud-driven, deadline-driven environment to steer timely project completion within budgetary constraint

SKILLS

Python | Django | DjangoRestFramework | Celery | FastAPI | React | AWS S3 | AWS Lambda | AWS EC2 | Rabbitmq | Javascript | Git | Gitlab | Docker

EXPERIENCE

Hexnode (Mitsogo Technologies Pvt Ltd), - *Senior Software engineer*

April 2023 - Present

- Developed and optimized backend services using Python, Django, and DRF—cut average endpoint response time 85 % (from 200 s to 30 s) by eliminating redundant ORM queries and minimizing repeated table access, slashing server load and improving customer experience.
- Integrated Celery for reliable asynchronous task execution (notifications, data-processing) and AWS Lambda for lightweight, event-triggered workflows, enabling scalable background job processing without additional server footprint.
- Key member of a rapid-response team that triaged and resolved 100 % urgent-priority customer issues; personally owned 80 % of 10–30 weekly tickets and delivered production fixes within an average of 3 days while preserving system integrity and zero regressions.
- Mentored junior engineers in performance-driven development—guiding API design, debugging, and code quality practices to build efficient and maintainable systems.

Checktronix India Private Limited (A Lightcast Company) - *Software Engineer*

June 2021 - April 2023

- **Projects**
 - **Data Scraping Pipeline:** Migrated and modernized a legacy 5+ year-old web scraping system from Python 2.7 to Python 3.7, ensuring

compatibility for 30,000+ Scrapy projects. Successfully transitioned infrastructure from on-premise servers to AWS cloud, improving scalability and maintainability.

- **DeleteFeed Pipeline:** Enhanced and optimized a high-performance validation pipeline capable of checking 800+ URLs per second. Built utilities to automate scheduled delivery of validated feed to AWS S3 using Celery.
- **DeleteFeed Dashboard:** Initiated and led development of a web-based dashboard to monitor, visualize, and manage scraped and validated datasets, improving transparency and operational efficiency for data teams.

EDUCATION

Sona College of Technology, India- *Computer Science and engineering*

August 2017 - April 2021

- CGPA - 8.40