Arun Arumugam

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SUMMARY

Experienced Senior Software Engineer with a solid background of over five years in full-stack development. Proven track record of leading and delivering successful projects.

EXPERIENCE

Senior Software Engineer
Nutrisure　　　　　　　　　　　　　　　　　　　　　　　　　**January 2022 - Present，Bangalore, India**

• Developed and launched a complete cloud kitchen delivery product from prototype to production, overseeing the entire software product pipeline and active development.
• The system has been in continuous production for over 1.5 years and has successfully processed more than 150k orders.
• Key technologies used: Node.js (API server), React Native (Android/iOS app), React (website), FastAPI (admin/delivery server), Python (data cleaning/analysis scripts), Linux server (production deployment), MongoDB (database), third-party integrations (payment, last mile delivery, monitoring/analytics tools).

Senior Software Engineer
Insciter　　　　　　　　　　　　　　　　　　　　　　　　　**January 2021 - Present，Bangalore, India**

• Assisted in the design, prototyping, and deployment of a complete production system.
• Developed a specialized search engine for the life sciences field, enabling users to identify top experts in various life science topics.
• Key contributions encompassed crawling and curating extensive datasets, establishing an ETL (Extract, Transform, Load) pipeline system, implementing search algorithms, creating both the web interface and API for the system, and developing a dedicated paid API service for users.

Software Engineer
LayerIV　　　　　　　　　　　　　　　　　　　　　　　　　**January 2018 - Present，Bangalore, India**

• As the Founding Engineer, I played a pivotal role in crafting the initial software product and led its development for over 4 years. I also played a crucial role in successfully delivering critical software projects to top pharmaceutical clients.
• Successfully delivered two significant scientific profiling projects, which entailed data curation, the development of disambiguation algorithms, search algorithms, integration of data sources, and the implementation of access APIs.
• Key contributions included creating a web interface and API, designing customizable user-specific web interfaces, developing an internal administrative system, and curating and acquiring a diverse set of data sources to build specific products on top of them.

Junior Software Developer
xedflix (kloudone)　　　　　　　　　　　　　　　　　　　**January 2017 - December 2017，Chennai, India**

PROJECTS

Cloud Kitchen (Healthy Food + Insurance)
NutriSure • https://www.nutrisure.io/ • January 2022 - Present

Life Sciences Platform for Biotech Investors
Insciter • https://insciter.com/ • January 2021 - Present

Stakeholder and Account Profiling for Pharma
LayerIV • https://www.layeriv.com/ • January 2018 - Present

EDUCATION

Bachelor's degree, Mechanical Engineering
Anna University, India • Chennai • 2016 • 8.3/10 CGPA
Graduated with Highest Honors (Gold Medal)

CERTIFICATIONS

Deeplearning for Coders
Fast.ai • 2023

Full Stack Developer
2016

SKILLS

Programming Language: Python, JavaScript.

Front End: HTML, CSS, Javascript, React, React Native (ios/android).

Backend: Nodejs, FastAPI.

Database: MongoDB, Elasticsearch.

AI/ML: Generative Deeplearning, PyTorch.

Other: Git, Linux, Data Structures and Algorithm, System Design.