

Aarya Ashok Kumbagowdana

Bengaluru, Karnataka | aaryaashokk77@gmail.com | +91 9972773094

Portfolio | LinkedIn | GitHub

SUMMARY

Final-year Computer Science student specializing in **DevOps** with proven skills in **cloud technologies (AWS, Azure)**, **automation**, and **CI/CD pipelines**. Proficient in **Python, Java, Docker**, and **Apache Kafka**, with a strong foundation in Agile methodologies and system design. Experienced in optimizing deployments and enhancing performance to deliver measurable results.

EDUCATION

Vellore Institute of Technology

Integrated M.Tech in Computer Science and Engineering

Sep 2021 – Expected Aug 2026

GPA: 8.99

Nehru Smaraka Vidyalaya

Higher Secondary School Certificate (Class XII CBSE)

Jun 2019 – May 2021

Score: 89%

Sri Kumaran's Public School

10th Indian Certificate of Secondary Education (ICSE)

Mar 2018 – Apr 2019

Score: 93%

PROFESSIONAL EXPERIENCE

Toyota Kirloskar Motors

DevOps Intern

Bengaluru, Karnataka

Jun 2024 – Dec 2024

- Reduced message delivery latency from **1 day to 1 hour** by designing a load-balanced notification system using Apache Kafka.
- Slashed manual testing time by **90%** (from 3 days to 2 hours) by automating over **100 test cases** with Katalon Studio.
- Doubled deployment frequency from **2 to 4 deployments/month** by streamlining CI/CD pipelines and processes.
- Improved sprint estimation accuracy by championing Agile methodologies and utilizing JIRA for project tracking.

Deep Learning for Epilepsy Detection

Research Project

Vellore, Tamil Nadu

Feb 2024 – Present

- Engineered a novel deep learning model in PyTorch to detect seizures, training on the **60GB CHB-MIT EEG** dataset.
- Designed and benchmarked **Feedforward, Recurrent, and LSTM** networks to identify the most effective model.
- Collaborated with medical professionals to define system requirements and ensure the model's clinical relevance.

IT Futurista

Freelance Web Developer

Bengaluru, Karnataka

Aug 2023 – Nov 2023

- Drove a **32% increase in website traffic** by launching a responsive single-page site with HTML, CSS, and TailwindCSS.
- Cut bounce rate by **15%** and boosted user engagement by **20%** through targeted UI/UX optimizations.
- Improved search engine rankings by **12 positions** by implementing on-page and technical SEO best practices.

Langoor

Software Development Intern

Bengaluru, Karnataka

May 2023 – Jul 2023

- Boosted team productivity by **20%** by developing **TaskNet**, a Django-based Kanban task management system.
- Enhanced project monitoring for **3 teams** by integrating real-time chat and streamlined workflow updates.

SKILLS

Cloud & DevOps:

Amazon Web Services (AWS), Azure, Docker, GitHub Actions, CI/CD, Katalon Studio

Programming:

Python, Java, Go, Bash, HTML, CSS, JavaScript

Frameworks:

Django, AngularJS, NestJS, PyTorch, NumPy, Pandas

Databases:

PostgreSQL, MongoDB, MySQL

Machine Learning:

PyTorch, HuggingFace, Scikit-learn, Deep Learning, Neural Networks

CERTIFICATIONS & ACTIVITIES

- Foundations of Project Management (Google):** Certificate demonstrating proficiency in project management methodologies.
- Google AI Essentials (Google):** Certificate focused on leveraging generative AI for analysis and decision-making.
- AWS Solutions Architecture Job Simulation (Forage - AWS):** Completed simulation to design a scalable AWS architecture.
- Yantra24 InnovationX Hackathon:** Co-organized a national hackathon for **400+ participants**.