SHARAVANA KUMAR R G

Software Developer

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◎ Mayiladuthurai, Tamil Nadu   🌐 https://sharavanakumar.netlify.app/

SUMMARY

Final-year Computer Science and Engineering student with a strong foundation in Java and Python, and a passion for building high-performance, scalable software solutions. Experienced in full-stack development, object-oriented design, and problem-solving across real-world projects. Proven ability to contribute to all phases of the software development life cycle in collaborative environments. Driven to craft efficient software solutions while embracing continuous learning and innovation.

EXPERIENCE

Developer Intern
📅 07/2024 - 09/2024

GUVI Geek Networks, IITM Research Park

Worked on end-to-end software development projects, focusing on performance, scalability, and clean code practices.

- Built full-stack web applications using HTML, CSS, JavaScript, PHP, and MongoDB.
- Designed efficient, testable components for scalable deployment.
- Participated in Agile sprints and contributed to improving system performance.
- Collaborated across teams for feature design and release cycles.

EDUCATION

B.E. in Computer Science and Engineering
CGPA
8.03 / 10.0

Kongunadu College of Engineering and Technology

Class XII
Percentile
83.6 %

Dr. G.S. Kalyanasundaram Matric Hr. Sec. School

Class X
Percentile
99.4 %

Jaihind Matric Hr. Sec. School

LANGUAGES

| Java | Proficient | ●●●◐○ |
| Python | Proficient | ●●●●○ |

TRAINING / COURSES

Object-Oriented Programming with Java
Covered essential programming concepts and algorithms

Data Structures and Algorithms
Focused on various algorithms and their applications

Operating Systems
Studied process management and system performance

Database Management Systems
Learned about data storage, retrieval, and management

CERTIFICATION

IBM Certification - Introduction to AI and ML
IBM Certification on Introduction to AI and ML

Completed Value-Added Course in Data Analytics with Python & Web Development
Value-Added Course in Data Analytics with Python & Web Development

GUVI Campus Ambassador
Campus Ambassador role at GUVI

KEY ACHIEVEMENTS

🏆 **Lingualearn Project Success**
Achieved 3rd Prize in project presentations and Hackathon for Lingualearn at TNCPL-AU-NM

🎖 **Hackathon Performance**
Recognized as Best Performer and Best Communicator in inter-college hackathons

SKILLS

Java   Python   Git   GitHub   Flask

Django   Mysql   Data Structures

MongoDB   OOPS   PHP

PROJECTS

Text-to-Video Generation System
📅 05/2024 - 07/2024

An innovative project aimed at transforming text into engaging video content

- Developed an AI-based system using LangChain and GANs to convert text prompts into high-quality video.
- Focused on enhancing temporal coherence and spatial details for use in education and marketing

FarmPulse AI
📅 09/2023 - 12/2023

A solution designed to empower farmers with advanced disease detection

- Built a web-based AI system to help farmers detect crop and animal diseases using ML on text and image data
- Integrated secure cloud storage with MongoDB
- Won 1st Prize at multiple institutions for impactful AI-based solutions in agriculture.

LinguaLearn - AI Grammar Tutor
📅 04/2022 - 04/2022

An AI tool aimed at enhancing language learning through adaptive quizzes

- Created a multilingual grammar tutor using NLP and generative AI
- Built with Django, allowing real-time error detection and adaptive quiz generation

SIBI - Smart Interactive Buddy for Intelligence
📅 04/2023 - 05/2023

An interactive study buddy that aids students in their learning process

- Developed an AI-powered 3D study assistant with YouTube integration and attention tracking
- Technologies used: JavaScript, Django, OpenCV, AI APIs, and 3D Modeling.