

# YOGESHWARAN A

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## CAREER SUMMARY

A passionate and motivated fresher with a strong foundation in Java development, Artificial Intelligence, Machine Learning, and Python programming. Certified in IBM Generative AI and Google Digital Marketing, with hands-on experience in AI-based academic projects. Seeking an internship opportunity to apply problem-solving skills, gain exposure to enterprise-level technologies, and contribute to innovative, scalable business solutions while growing as a technology professional.

## EXPERTISE

Java Application Development | Artificial Intelligence Fundamentals | Machine Learning Concepts | Python Programming | Natural Language Processing | Data Structures and Algorithms | Web Development | Database Management | Generative AI

## TECHNICAL SKILLS

Java, Python, node.js | Object-Oriented Programming (OOP) | Cloud computing | Artificial Intelligence and Machine Learning | Generative AI, NLP | Frontend Technologies | MySQL | Git, GitHub, VS Code | AI Chatbot Development

## PROJECT EXPERIENCE

### SMART SHOE CHARGER WITH VOICE ASSISTANT | AI s IOT PROJECT DEVELOPER

July 2025– Aug-2025

- Engineered an innovative IoT-based wearable device integrating renewable energy and health monitoring.
- Developed self-charging functionality using sustainable energy concepts to enhance device efficiency.
- Demonstrated problem-solving, innovation, and teamwork while working on hardware–software integration.

### RESUME MATCHER – AI-BASED JAVA APPLICATION | BACKEND

Jun 2025 – Jun 2025.

- Built an AI-powered resume analysis system using Java and Spring Boot.
- Applied text-processing algorithms for keyword extraction, resume scoring, and ranking against job descriptions.
- Created RESTful APIs and a basic frontend to improve recruitment accuracy and automation.

### AI MENTAL HEALTH CHATBOT | OPENAI

July 2025 – July 2025

- Constructed an AI-based chatbot using NLP concepts to support mental health assistance.
- Configured conversational logic to handle stress-related and emotional queries.
- Focused on response accuracy, ethical AI usage, and user data privacy..

## EDUCATION

Sethu Institute of Technology | B.E. Computer Science and Engineering (Artificial Intelligence C Machine Learning)  
Honors in Full Stack Development| CGPA: 8.50

2023 – 2027

PSLV CBSE Higher Secondary School |Higher Secondary (Class XII)| Percentage: 68%

2023

PSLV CBSE Higher Secondary School |Secondary (Class X)| Percentage: 78%

2021

## CERTIFICATIONS / TRAINING

- Earned NPTEL Certification in Data Structures and Algorithms using Java.
- Completed Networking and Web Technology course through Infosys Springboard.
- Completed Deloitte Virtual Task Management Program, gaining hands-on experience in workflow organization and professional task.
- IBM Certified – Generative AI Fundamentals, covering Large Language Models (LLMs), Prompt Engineering, and AI Ethics.
- Awarded a Certificate For Completing the AI course at CodeVibez Learning Hub.
- Attended Stellantis Automotive Workshop – NIT Trichy