

Keerthivasan Jayakumar

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CAREER OBJECTIVE

Final-year B.E. Computer Science and Engineering student seeking an opportunity to apply my technical skills, analytical thinking, and creativity in a dynamic organization. Eager to learn emerging technologies, contribute to innovative projects, and grow into a proficient professional while supporting organizational success.

EDUCATION

Bachelor of Engineering (B.E) – Computer Science Engineering

Mahendra College of Engineering, Salem, Tamil Nadu
2022 – 2026 (Pursuing)

Relevant Courses: Software Testing, Data Structures, Algorithms, Web Development

TECHNICAL SKILLS

- **Programming Languages:**
 - Java (OOP principles, core concepts)
 - Python (scripting, debugging, validation techniques)
- **Web Technologies:**
 - HTML5, CSS3, JavaScript (form validation, client-side debugging)
- **Databases:**
 - MySQL (query writing and optimization)
 - MongoDB (NoSQL basics)
- **Version Control & IDEs:**
 - Git (version control, collaborative development)
 - VS Code (development environment)

PROJECT EXPERIENCE

- **AI-Driven Threat Detection & Risk Management Prototype (Personal Project)**
 - Designed Python scripts to monitor network anomalies and log errors for debugging.
 - Applied validation techniques aligned with OWASP and NIST frameworks for secure data flow.
- **Farmers & Consumers E-Commerce Platform**
 - Implemented backend error-handling and validation mechanisms to ensure data reliability.
 - Enhanced query efficiency, reducing failure rates during peak traffic.

CERTIFICATIONS & COURSES

- **HDCA (Programming) – CSC** (Nov 2022)
- **Verizon Cloud Platform Job Simulation – Forage** (Sep 2025)
- **Prompt Engineering – Infosys Springboard** (Mar 2025)
- **AWS Solutions Architecture Job Simulation – Forage** (Aug 2025)
- **Build Your Own Static Website – NxtWave CCBP 4.0 Academy** (Jul 2025)