# R PONSELVAN

Web Developer | Cloud Computing Researcher
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## Professional Summary

An analytical and technically proficient web developer with a strong foundation in cloud computing, distributed systems, and secure web architectures. Demonstrates an advanced capacity for problem-solving, algorithmic thinking, and research-driven development. Adept at integrating cutting-edge cloud technologies to optimize computational efficiency and security. Actively engaged in advancing knowledge in cloud security engineering and scalable software architectures.

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## Technical Competencies

- Cloud Computing & Distributed Systems: AWS (Lambda, RDS, S3, IAM), Virtualization, Containerization
- Web Development & Software Engineering: React.js, FastAPI, PostgreSQL, RESTful API Design
- Cybersecurity & Authentication Protocols: OAuth, JWT, Multi-Factor Authentication, Encryption Standards
- Systems Optimization & Scalability: Load Balancing, Performance Tuning, Asynchronous Processing
- Collaboration & Leadership: Agile Methodologies, Technical Documentation, Team-Oriented Development

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# Academic Background

**Bachelor of Technology in Computer Science (Cloud Computing Specialization)**
Siddharth Institute of Engineering and Technology, Puttur
(Expected April 2026)

**Intermediate Education**
Sri Sai Vivekananda Junior College, Nagari, 517590
(May 2022)

**SSC Education**
Sri Chaitanya Techno School, Puttur
(March 2020)

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# Multilingual Proficiency

- Tamil: Native Fluency
- English: Advanced Professional Proficiency (C1)
- Telugu: Upper-Intermediate Proficiency (B2)

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# Certifications & Research Endeavors

- AWS Cloud Internship Certification – Assistive Infotech Private Limited
- The Joy of Computing using Python – NPTEL Online Certification
- Independent Research on Secure Cloud Architectures & Data Encryption Standards

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# Professional Aspirations & Research Interests

- Dedicated to continuous learning and contributing to advancements in cloud security engineering.
- Passionate about scalable, resilient cloud architectures and secure web applications.
- Actively exploring the intersection of artificial intelligence and cloud security frameworks.