

SRI LAXMI PRIYANKA BANDARU

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EDUCATION

Aditya College Of Engineering and Technology (June 2026)

• Bachelor of Technology in Artificial Intelligence and Machine Learning

Current GPA: 8.12

Vidyanidhi Junior College (June 2022)

• Higher Secondary Education [M.P.C]

Percentage : 95

TECHNICAL SKILLS

Programming Languages : Java, Python, C.

Technologies : HTML, CSS, JS, AWS.

Dev Tools : Git, GitHub, VSCode, Docker, Jenkins, Ansible, Selenium.

Database : MySQL.

PROJECTS

CONTROL ACCESS TO AWS RESOURCES | *Google Cloud Console, Authenticator* **2024 (Oct - Dec)**

- Implemented AWS Identity and Access Management (IAM) policies, granting least privilege access to 200+ users and 50+ AWS resources; achieved zero unauthorized access incidents within the monitored period.
- Streamlined AWS resource management with automated IAM provisioning, reducing administrative overhead by 35% and improving operational efficiency while maintaining a strong security profile.

SECURE WEBSITE DEPLOYMENT ON AWS WITH SSL | *Java, Apache, AWS Certificate Manager* **Sep 2024**

- Implemented SSL/TLS encryption leveraging AWS Certificate Manager (ACM) on Apache HTTP Server hosted on EC2, mitigating 100 percent of identified security vulnerabilities and hardening infrastructure.
- Fortified application security by implementing IAM roles and security groups, restricting unauthorized access and reducing potential security breaches by 40 percent through stringent access controls.

FOOD RECIPE FINDER WEB APP | *HTML, CSS, JavaScript, Local Storage, VS code* **2024 (July - Aug)**

- Created a fully responsive web application with 6 web pages for managing food recipes, supporting over 1000 users and enhancing user experience across devices.
- Optimized local storage management techniques, enhancing load times by an impressive average of 2 seconds per page. This optimization directly contributed to higher user satisfaction rates among over 1000 active users.

EXPERIENCE

AWS DEVELOPMENT INTERN | *Summer Internship at Technical Hub* **2024 (May - July)**

- Redesigned, deployed, and managed cloud-based applications using AWS services (EC2, S3, RDS), optimizing resource utilization and reducing cloud expenses by 15% through cost-effective scaling strategies.
- Implemented a robust AWS CloudFormation framework that optimized the deployment process, achieved a 30% reduction in configuration errors, and improved system uptime by 20%.

ACHIEVEMENTS

- Secured an NPTEL certificate in Machine Learning with Elite badge.
- Attained 5 Star badges in Java, Python, C at HackerRank.
- Volunteered for the ISRO Outreach Program, gaining practical experience in space technology and research through hands-on learning during intermediate education.

CERTIFICATIONS

- * IT Specialist Certification in HTML & CSS – Pearson VUE.
- * IT Specialist Certification in Python – Pearson VUE.
- * IT Specialist Certification in Java – Pearson VUE.
- * Microsoft Certified: Azure AI Fundamentals.

COURSE COMPLETION

- * Cisco C, Python, Introduction to Networks
- * NPTEL - Machine Learning.
- * AWS Academy Cloud Foundations
- * AWS Academy Cloud Developing