Ramya Sri Sugguna

Advanced Application Engineer

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Career Objective

Aspiring to join Accenture as an **Advanced Application Engineer** to design, develop, and maintain scalable software applications. Skilled in full-stack development, backend programming, application security, and database management. Eager to ensure code quality, deliver secure solutions, and collaborate effectively in Agile teams to contribute to impactful projects.

Education

Vignan's Foundation for Science, Technology and Research, Guntur
B.Tech in Software Engineering - 8.46 CGPA (Pursuing, Expected 2026)

Sri Chaitanya Junior College, Guntur
Intermediate (XII), State Board – 97.1% (2022)

V.R High School, Guntur
SSC (X), State Board – 95% (2020)

Technical Skills

- Programming: Java, Python, C
- Web Development: HTML, CSS, JavaScript, React
- Databases: MySQL, MongoDB
- Application Security: PCI-DSS, Encryption, Tokenization
- Tools: GitHub, VS Code, Kali Linux, Ubuntu, Android Studio
- Agile Development: Experience with collaborative software development and version control
- Digital Forensics Tools: Autopsy, FTK, Wireshark, Kape, DumpIt, HxD, ImageMounting, Get-ZimmermanTools, Thumbcache

Technical Experience

Projects

- **News App (Full-Stack):** Built a mobile news application using MERN stack. Implemented APIs, MongoDB database, and responsive UI. Ensured code quality and efficient backend logic for scalable performance.
- **Credit/Debit Card Encryption (Secure Backend System):** Developed a PCI-DSS compliant system using 3DES encryption and tokenization, reducing data breach risks by 95% for 10,000+ transactions.
- **Interactive Quiz Web Application:** Developed a dynamic quiz platform using HTML, CSS, JavaScript with randomized questions, real-time scoring, and secure backend logic for user data.
- **E-Commerce Course Selling Web Application:** Designed a responsive e-commerce platform with dynamic JSON-based product listings, shopping cart functionality, and backend integration to ensure secure transactions.
- **HomeSpace – E-Commerce Web Application:** Built a PHP-based e-commerce platform integrating Unsplash API, session-based shopping cart, and responsive UI. Focused on backend logic, database management, and secure code practices.

Certifications

- Web Development for Beginners – Simplilearn (Aug 2025)
- MERN Full Stack – Bytexl (Aug 2024 – Nov 2024)
- Basics of Python – Part I II – Code360 (Jul–Aug 2025)
- Python Basic – HackerRank (May 2025)

- Foundation of Cyber Security – Coursera
- AINCAT 2025 – Career Aptitude Test (May 2025)
- Preliminary (PET) – CEFR LEVEL B1

Seminars & Workshops

- Participated in seminars on emerging technologies
- Attended workshops on web development and cybersecurity
- Attended workshop on Advanced Ethical Hacking (26–27 Jan 2024)

Volunteer & Activities

- Hobbies: Video Editing

Personal Information

Date of Birth: 01 March 2005
Languages Known: English, Telugu, Hindi
Location: Guntur, India