

# Satyam Dwivedi

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## SUMMARY

AWS Certified Computer Science student specializing in full-stack development with React, Node.js, and Flutter. Successfully built scalable applications including an e-commerce platform that automated processes and reduced backend workload by 20%. Seeking to apply technical expertise to a challenging Software Engineer position.

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering** Expected July 2026  
Vellore Institute of Technology, Vellore CGPA: 8.68/10.0  
*Relevant Coursework:* Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Artificial Intelligence

## TECHNICAL SKILLS

- **Frontend:** React.js, Next.js, Flutter, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, REST APIs, Firebase, MongoDB, Redis, MySQL
- **Languages:** JavaScript, TypeScript, C++, Python, Java
- **Tools & Platforms:** Linux, Docker, Git, Postman, Vercel, AWS (Solutions Architect Associate)
- **Core Concepts:** Data Structures & Algorithms, Generative AI, Agile Methodology

## EXPERIENCE


**Full Stack Developer Intern (Part-Time)** September 2024 – February 2025  
Nepbyte Technologies, Hybrid


- Engineered a scalable e-commerce platform for product, order, and inventory management, reducing backend workload by 20% through process automation and modular Node.js architecture
- Designed core modules for a company-wide CRM/ERP system, streamlining business workflows and reducing client onboarding costs by 15%

**Web Developer** January 2024 – December 2024  
Advanced Developers Group, Vellore Institute of Technology

- Led a hands-on workshop for 80+ students on building a full-stack application using Next.js, Tailwind CSS, and TypeScript
- Developed a modular mailing system using Node.js and SendGrid to automate event announcements for 200+ members, reducing manual email preparation time by 30%

## PERSONAL PROJECTS

**PayNote**  GitHub  
• Developed a cross-platform personal finance application enabling 20+ beta users to log expenses, visualize spending patterns, and manage budgets  
• Implemented a secure REST API with JWT-based authentication for user data management and transaction processing  
• *Technologies:* Flutter, Node.js, Express.js, MongoDB

**PlotWeaver**  GitHub  
• Created a real-time collaborative story-writing platform during a 48-hour hackathon, allowing multiple authors to co-edit stories simultaneously  
• Integrated Socket.IO for live text synchronization and implemented version tracking to manage story revisions  
• *Technologies:* React.js, Node.js, Express.js, MongoDB

## CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate** View Credential 2025
- **Oracle Cloud Infrastructure Generative AI Professional** View Credential 2025

## ACHIEVEMENTS

- Participant in DevJams 48-Hour Hackathon (GDSC-VIT) 2024
- 1st Runner-Up in Clash of Bugs 2.0 (University-level Debugging Contest) 2023