

# 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

<b>Bachelor of Technology in Computer Science and Engineering</b> Vellore Institute of Technology, Vellore	Expected July 2026 CGPA: 8.68/10.0
<i>Relevant Coursework:</i> 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

<b>Full Stack Developer Intern</b> (Part-Time) Nepbyte Technologies, Hybrid	September 2024 – February 2025
• 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 on-boarding costs by 15%	January 2024 – December 2024
<b>Web Developer</b> 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

<b>PayNote</b>	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	
• <i>Technologies:</i> Flutter, Node.js, Express.js, MongoDB	
<b>PlotWeaver</b>	
• 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	
• <i>Technologies:</i> React.js, Node.js, Express.js, MongoDB	

## CERTIFICATIONS

• <b>AWS Certified Solutions Architect – Associate</b> View Credential	2025
• <b>Oracle Cloud Infrastructure Generative AI Professional</b> 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