

# TEJASWI RAMINENI

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## SUMMARY

Computer Science undergraduate with strong skills in C++ and Java, and a solid foundation in Data Structures and Algorithms. Proficient in Machine Learning concepts, with a growing interest in Generative AI. Focused on building innovative solutions that bridge technology and creativity.

## WORK EXPERIENCE

### Web Developer Intern

June 2024 – August 2024

IT Department, Andhra Pradesh State Cooperative Bank(APSCOB)

- Developed and implemented a system to generate comprehensive text-based reports from the bank's database, improving data accessibility and decision-making processes, leading to a 20% reduction in manual reporting errors.
- Optimized SQL queries, reducing report generation time resolve by 30%, which resulted in a 15% improvement in the efficiency of data-driven decision-making processes for over 50+ stakeholders.
- Collaborated closely with a 5-member IT team to identify and data inconsistencies, increasing the accuracy and reliability of the bank's reporting infrastructure by 25%, directly contributing to enhanced operational efficiency.

## PROJECTS

### AI-Content-Generator | Next JS | GEMINI AI | Drizzle ORM | Tailwind CSS | Postgre SQL

April 2025

- Built a full-stack AI Content Generator using Next.js (TypeScript), Tailwind CSS, and PostgreSQL (Drizzle ORM), featuring 15+ templates for blog writing, SEO optimization, code generation, and more using Gemini AI.
- Leveraged Gemini AI with custom prompt engineering to generate high-quality, context-aware content from user input across various formats.
- Integrated Clerk for authentication and Neon for serverless database hosting, developing a scalable dashboard with features like content history, usage analytics, and billing management.

### Skill Sphere | Next JS | GEMINI AI | Drizzle ORM | Tailwind CSS | Postgre SQL

Jun 2025

- Developed a full-stack AI-powered learning platform using Next.js, JavaScript, and Google's Generative AI API, enabling automatic course generation with structured chapters and high-quality educational content.
- Implemented an interactive learning interface with real-time progress tracking, dynamic content rendering, YouTube integration, and a modern dashboard for course management.
- Built a secure and scalable system with Clerk authentication, responsive design using Tailwind CSS & shadcn/ui, and serverless PostgreSQL (Neon) with Drizzle ORM for efficient data handling.

### Resume Builder | MERN STACK

May 2024

- Developed a React-based resume builder (Swift CV) enabling users to create, edit, and export professional CVs directly in the browser.
- Implemented dynamic input fields and local storage for customizable sections and persistent user data.
- Integrated PDF export functionality and built a responsive UI using Tailwind CSS and Vite for seamless desktop and mobile experiences.

## EDUCATION

### SRM University, Andhra Pradesh

Bachelor of Technology in Computer Science CGPA – 9.20

October 2022 – June 2026\*

Amaravati, Andhra Pradesh

### Bhashyam Junior College - BIEAP

Intermediate – 94.9%

June 2020 – May 2022

Guntur, Andhra Pradesh

### Sri Venkateswara Bala Kuteer - CBSE

Matriculation – 91.8%

July 2018 – May 2019

Guntur, Andhra Pradesh

## TECHNICAL SKILLS

**Languages:** C, C++, Python, Java

**Frontend Tools:** HTML, CSS, JavaScript, React JS, Next JS

**Backend Tools:** PHP, MySQL, MongoDB, Node JS, Express

**Frameworks:** Github, Bootstrap, Git

**Libraries:** NumPy, Pandas, Matplotlib

## POSITION OF RESPONSIBILITIES

### Member – Coding Club, SRM AP January 2024 – April 2025

- Contributed to coding project development, organized coding events like workshops and hackathons, and actively participated in peer learning through knowledge sharing and code reviews.

### Associate – Next Tech Lab, SRM AP August 2024 – April 2025

- As an associate at Norman Lab, I improved my web development skills and gained valuable experience collaborating with cross-functional teams during events like 9Hacks, enhancing both my technical abilities and teamwork.

## CERTIFICATIONS

NPTEL(Joy Of Computing Using Python)

Secured 90% by acing all assignments & exams

The Complete Full Stack Web Development Course by Udemyl

## RELEVANT COURSE WORKS

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| <ul style="list-style-type: none"><li>Operating Systems</li><li>Object Oriented Programming</li></ul> | <ul style="list-style-type: none"><li>Database Management</li><li>Computer Networks</li></ul> |
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