

Devesh Tiwari

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EDUCATION

Sambhram Institute of Technology
B.E. in Computer Science

Bangalore, Karnataka, India
2023 - 2027
Current CGPA: 8.85/10

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Python, JavaScript, Java, C++ , C, HTML, CSS

Web Development: Node.js, Express.js, MongoDB, Mongoose, HTML, CSS, API Development, Back-End Web Development, Postman API

Frameworks & Libraries: Spring Boot, TensorFlow, pandas, NumPy, Matplotlib

Database & Systems: MongoDB, Database Design, Systems Design, System Architecture, Microservices, Distributed Systems

Software Engineering: Object-Oriented Programming (OOP), Software Development Life Cycle (SDLC), Version Control, Debugging, Code Refactoring

DevOps & CI/CD: DevOps, Continuous Integration, Jenkins

Project Management: Agile Methodologies, Sprint, Communication

AI & Data Science: Natural Language Processing (NLP), Artificial Intelligence, Clustering

Cybersecurity: Ethical Hacking, Network Security, Penetration Testing, Vulnerability Assessment, Password Security, Cryptography, Kali Linux, Nmap

WORK EXPERIENCE

Creative Team Lead

OSCode, SAIT Chapter 2025–2026

Sep 2025 – Present

- Led design and branding initiatives to ensure impactful visual communication across events, posts, and campaigns.
- Collaborated with team members to generate creative ideas, design engaging graphics, and manage content strategies that enhanced community engagement.
- Guided the creative team in producing innovative designs for workshops, awareness sessions, and collaborations.
- Upheld the identity and vision of the OSCode SAIT Chapter while fostering creativity and innovation.

Artificial Intelligence Intern

Coincent.ai

June 2024 - August 2024

- Developed a text classifier using TensorFlow to categorize text data based on content.
- Implemented a Vision Transformer for image classification using a transformer-based architecture.
- Worked on data preprocessing, model building, training, and evaluation to ensure high accuracy.
- Utilized NLP, pandas, NumPy, Python, and Matplotlib for efficient data handling and visualization.

PROJECTS

- **WealthWise - AI Finance Manager** – Developed an AI-powered personal finance platform using Next.js, Supabase, and Google Gemini API; features include receipt scanning, multi-account tracking, budgeting, analytics, and automated reports. Integrated Clerk for auth, Inngeist for recurring jobs, and Recharts for visual insights. [GitHub](#) [Live Demo](#)
- **E-Commerce API** – Developed a RESTful API using Node.js, Express, and MongoDB with JWT-based authentication; implemented modules for user auth, category & product CRUD, and cart management. Documented endpoints in Postman for easy API testing. [GitHub](#) [Postman Docs](#)
- **Vision Transformer (ViT) - Image Classification** – Implemented ViT architecture using TensorFlow to classify images from the CIFAR-10 dataset; incorporated patch extraction, encoding, and multi-head self-attention for end-to-end learning. Achieved competitive test accuracy showcasing ViT's effectiveness in vision tasks. [GitHub](#)

CERTIFICATIONS

- **Google:** Build Real World AI Applications with Gemini and Imagen, Prompt Design in Vertex AI (Apr 2025) [Link](#)
- **Physics Wallah:** Advanced System Design (Microservices, Distributed Systems), Backend Development (Spring Boot, Node.js), Ethical Hacking (Kali Linux, Penetration Testing)
- **Industry Job Simulations:** JPMorgan Chase (API Development, Java), Goldman Sachs (Cryptography), Accenture (CI/CD, DevOps), Wells Fargo (Spring Boot), Walmart (Java, Python)