# Karnati Ashwin

📞 +91 6309779792  ✉ ashwinkarnati2k5@gmail.com  📍 Hyderabad, Telangana

○ github.com/AshwinKarnati  in linkedin.com/in/ashwin-karnati

## About Me

- A highly motivated and detail-oriented Computer Science student passionate about **Software Development, Web Technologies, Machine Learning, Coding and AI**, constantly exploring new innovations.
- Experienced in **Full-Stack Development, Machine Learning, and AI**, with hands-on projects showcasing practical implementation.
- A quick learner with a problem-solving mindset, always eager to expand knowledge and contribute to cutting-edge technology.

## Education

**JNTUH University College of Engineering, Hyderabad**
**B.Tech in Computer Science and Engineering (2022-2026)**
**GPA:** 9.34 (as of now)

## Tech Stack

**Programming Languages:** C, Python, Java, HTML, CSS, JavaScript
**Web Development:** React.js, Next.js, Node.js, Express.js, Bootstrap, Tailwind CSS
**Machine Learning & Data Science:** NumPy, Pandas, Matplotlib, Seaborn
**Databases:** SQL, MySQL, MongoDB, Convex
**Tools & Platforms:** Git, VS Code, Google Colab

## Projects

**Web Development**

- **AI PDF Note Taker (Next.js, Google Generative AI, Convex)** – Developed a web app to upload PDFs, extract text, and generate AI-powered notes and summaries with search functionality.
- **PromptGenius AI (Next.js, Google Generative AI, Convex)** – Built a web app for generating advanced image prompts using a multi-step form, with AI-powered customization, user management, and responsive design.
- **AI Video Creator & Editor (Next.js, Remotion, Clerk, Inngest, PostgreSQL)** – Built an AI-powered video creation and editing tool with automated enhancements.

**Machine Learning**

- **Diabetes Predictor** – Predicts diabetes risk using ML models.

## Certifications

- **Python Foundation Certification** – Infosys Springboard

## Honors & Awards

- **NTSE Rank 14 (Round-1) (2019)**
- **TS EAMCET Rank 794 (2022)**

## Contact

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