# Uttam Kumar

# \* TECHNICAL SKILLS

**Programming:** Python, C, C++, SQL

Web Development: HTML5, CSS3, React, Next.js, Tailwind CSS, Bootstrap, Express.js, MySQL, MongoDB Frameworks/Tools: Git, GitHub, Vercel, Render, Netlify, Supabase, Firebase, Docker, Postman, Figma Other: Cloud (AWS: EC2, S3, Lambda), Generative AI Integration, REST APIs, WebSockets, UI/UX Design, Authentication (Firebase, Clerk, JWT), Chatbot Development

# ► PROJECTS

- Co-founded ConseptConnect, delivering 10+ AI-powered web solutions tailored for startups and SMEs, improving business efficiency.
- Developed **custom chatbots**, **AI assistants**, **and automated workflows**, cutting manual processes by 40% and enhancing client engagement.
- Integrated Generative AI APIs (OpenAI, Gemini), enable faster MVP deployment and smarter decisions.
- Tech Stack: React, Next.js, Tailwind CSS, Node.js, Express.js, MongoDB, Firebase, OpenAI API, Vercel

### RapidPaste-Automation | Python Automation | GitHub Repo]

Apr 2025 – May 2025

- Built a **robust automation suite** to process 500+ documents across PDF, Word, and Excel formats, significantly reducing repetitive work.
- Implemented **regex-driven parsing templates**, improving formatting accuracy to 70% to 99% and saving time.
- Ensured **cross-platform compatibility** with Python libraries and error-handling workflows for automation.
- Tech Stack: Python, PyPDF2, python-docx, OpenPyXL, Regex, PyWin32

### Doctor Decoder − Prescription Intelligence | AI Healthcare | ♠ [GitHub Repo]

Jul 2025

- Engineered an AI-driven healthcare app with 93% OCR accuracy to decipher handwritten prescriptions, improving accessibility for users.
- Integrated OCR.space API + OpenAI GPT models to extract and interpret medical data effectively.
- Enhanced usability with multilingual UI, interactive chatbot, BMI calculator, Smart Calendar, and Email Reminder system, increasing comprehension for non-English speakers by 60%.
- Tech Stack: TypeScript, React, Next.js, Tailwind CSS, Node.js, Express.js, OCR.space API, OpenAI API, Vercel

# → Awards & Certifications

- TCS CodeVita Global Finalist, Top 25 (2024)
- Oracle Generative AI Certification (2025)
- Ericsson Challenge National Finalist, Top 10% (2024)
- MongoDB Associate Developer Certification (2025)
- Postman API Fundamentals Student Expert Certification (2025)

### **EXPERIENCE**

### SDE Intern at TechOTD (On-site)

Apr 2025 – Jun 2025

Technologies: PHP, Laravel, CodeIgniter

- Automated document workflows, reducing manual effort by 40%.
- Developed 4 backend modules to enhance system reliability and scalability.

## Web Developer Intern at Motojojo (Remote)

Jan 2025 – Mar 2025

Technologies: Wix, Figma, WordPress

- Revamped 2 company websites, improving engagement and reducing load time by 25%.
- Collaborated with designers to enhance UI/UX, boosting user satisfaction by 15%.

### **EDUCATION**

VIT Bhopal University — B.Tech, CSE, CGPA: 8.66/10 DAV Public School, Khagaul — XII (CBSE): 90%, X (CBSE): 85.6% Expected Jul 2026 Apr 2022 / Apr 2020