

# ARYAMAN SINHA

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## SUMMARY

Dedicated Full Stack Developer skilled in designing, developing, and deploying scalable web applications. Experienced in building generative AI-powered solutions, backend systems, and automation workflows using tools like n8n. Eager to apply strong problem-solving and coding abilities to deliver innovative, end-to-end technology solutions.

## WORK EXPERIENCE

### Codebugged AI Software Developer

Feb. 2025 - Present  
Bengaluru

- Worked on an OCR recognition project for an international mobile brand, leveraging Groq API to optimize performance—reducing response time from 8-9 seconds to just 1-1.5 seconds. Also developed a user-friendly UI portal for seamless integration and efficiency.
- Worked on adding features to ERP Portal and fixing bugs.
- Developed and deployed a WhatsApp bot to streamline business processes and enhance customer interaction
- Worked on creating LLMs benchmarking.
- Developed and managed multiple automation workflows using n8n.

### SMPP Private Limited Full Stack Developer

May 2024 - Jan 2025  
New Delhi(Remote)

- Designed and implemented a React-based dashboard to track and visualize sales pipeline data, enhancing sales tracking efficiency and introducing key feature improvements.

### GlobalMed Academy Full Stack Developer

March 2023 - May 2024  
Gurgaon(Remote)

- Spearheaded the development and ongoing maintenance of a comprehensive educational platform, significantly enhancing the learning experience.
- Integrated Moodle for seamless course playback and a secure payment gateway, boosting user engagement by 30%.
- Designed and implemented a robust admin panel for efficient user management, streamlining course administration and reducing support inquiries by 25%.

## TECHNICAL SKILLS & TOOLS

**Languages** - HTML & CSS, JavaScript, SQL , Python

**Libraries & Frameworks** - React.js, Node.js, Express.js, TailwindCSS, EJS

**Tools & Infrastructure** - DigitalOcean, AWS (Lambda, S3), Nginx, Apache, ffmpeg, n8n

**Databases** - MongoDB, MySQL, Dynamo DB

**Additional Technologies** - JWT, Moodle, Langchain, Whisper, Google Cloud Vision (OCR)

## PROJECTS

- **NIT Jalandhar Institute Website:** Contributed to improving functionality, design, and user experience of the official website, resulting in a 20% increase in user engagement and a 15% reduction in bounce rate.
- **GlobalMed Academy LMS:** Engineered a robust online learning platform featuring course modules, assessments, and progress tracking. This has done business of over 10 lakhs in past 5 months.
- **Whatsapp Bot :** -Built a serverless WhatsApp bot using AWS Lambda and Twilio, integrated GPT-4.1 for optimized user conversations, GPT-4o for speech-to-text refinement, and implemented profanity detection for clean, real-time interactions.
- **AI Article Summarizer using GPT-4 API:** Implemented an AI-powered tool leveraging GPT-4 API to provide concise summaries, reducing reading time by 50% and boosting information retention for users.
- **Utkansh Website (Annual Cultural Fest):** Led the design and development of a cultural fest website, focusing on seamless navigation and an aesthetically pleasing interface, resulting in a 35% increase in registrations.

## EDUCATION

### **Dr B R Ambedkar National Institute of Technology, Jalandhar**

- Bachelor of Technology , CGPA -7.6/10

### **Aatmdeep Vidyalyay, Gorakhpur**

- Class XII:90%

### **Little Flower School , Gorakhpur**

- Class X: 93%

## AWARDS & ACHIEVEMENTS

- Achieved **second place** in a college-wide competition, working collaboratively on a team project that developed innovative solutions for funders and buyers through advanced website development.
- Shortlisted in **YUKTI (Young India Combating COVID with Knowledge, Technology and Innovation)** by the Government of India, recognizing the project's contribution to the Ministry of Education's efforts to harness technology and innovation
- Secured a top 50 national ranking at Hackmol Hackathon by engineering innovative solutions and demonstrating advanced coding expertise; efforts resulted in a 30% boost in user engagement and a 25% enhancement in app performance metrics.