

# YUKTI SINGH

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## SUMMARY

Motivated and detail-oriented Computer Science Engineering student skilled in full-stack development, AWS, databases, and AI-driven automation, with a focus on building scalable, user-centric web applications.

## EDUCATION

### BTech – Computer Science Engineering

Guru Tegh Bahadur 4th Centenary Engineering College | 2023 – 2027

### Higher Secondary School

Sumermal Jain Public School | 2022 – 2023

## SKILLS SUMMARY

**Programming Languages:** C/C++, Python, Java, JavaScript, PHP, HTML, CSS, SQL (MySQL, PostgreSQL), Rust

**Frameworks & Libraries:** MERN Stack (MongoDB, Express, React, Node.js), RESTful API design & integration, Pandas, OOP, Data Structures

**AI & Automation:** AI Agent Automation (task orchestration, tools & memory), MCP-based AI server integration, n8n (workflow automation)

**Tools:** Postman, Jupyter Notebook, Visual Studio Code, Power BI, Figma, Canva

**Platforms / Technologies:** AWS Services (S3, EC2, Lambda, RDS, CloudFront), WAMP Server (Windows/Apache/MySQL/PHP)

**Soft Skills:** Problem-Solving, Critical Thinking, Communication, Team Collaboration, Adaptability, Time Management, Creativity, Attention to Detail, Leadership, Quick Learning

## WORK EXPERIENCE

### n8n Automation & front-end developer Intern

ECHOFORGE CLOUD PRIVATE LIMITED | Sept 2025 – Jan 2026

- Contributed to Neuraltalk AI (SaaS) through front-end development and AI-driven automation workflows.
- Built and optimized responsive UI components, improving usability and performance across devices.
- Integrated APIs and supported workflow automation to streamline application functionality.
- Collaborated with cross-functional teams to deliver features on schedule.

### Full-Stack Developer Intern

Centre for Fire, Explosive and Environment Safety (CFEES), DRDO | Jun 2025 – Jul 2025

- Designed and implemented a web-based Complaint Management System to automate internal complaint handling.

- Created responsive UI with structured forms, dashboards, modals, and dynamic filtering tables using HTML, CSS, and JavaScript.
  - Developed PHP-based backend logic for role-based session handling, complaint validation, status updates, feedback management, and Excel export (SheetJS).
  - Designed relational MySQL schemas for employees, complaints, feedback, and logs, ensuring efficient data storage, and deployed on WAMP server.
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#### Full-stack Developer Intern

**Weroute Systems Pvt Ltd** | Nov 2024 – Dec 2024

- Developed and maintained full-stack web applications using HTML, CSS, JavaScript, React.js, and Node.js, ensuring scalable and efficient solutions.
  - Collaborated with the team to implement UI/UX enhancements and backend integrations, improving overall performance and user experience.
  - Applied problem-solving and debugging skills across frontend and backend, ensuring cross-browser compatibility and responsive design.
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## PROJECTS

### Glint – Personal Media Gallery Web App | [Link](#)

- Developing a full-stack media gallery with uploads, organization
- Frontend: Next.js (TS), Tailwind CSS, Framer Motion; Backend: Node.js, Express, MongoDB, AWS S3.
- Features: JWT & Google OAuth auth, OTP password reset, locked folders, favorites, and metadata-based sorting.

### Facial Emotion, Gender & Age Detection | [Link](#)

- Developed a real-time facial analysis app using HTML, CSS, JS, and face-api.js.
- Implemented webcam/video input, landmark detection, and emotion/gender/age prediction.
- Optimized for smooth browser performance across devices.

### AI Workflow Automation Agent – Lead Management & Engagement

- Designed and implemented a powerful n8n-based AI automation system for global lead generation, engagement, and CRM integration.
- Tech Stack: n8n, OpenAI API, WhatsApp/Instagram APIs, Gmail API, Google Sheets/Excel, CRM Integrations.
- Features: Automated lead capture from ads, multi-channel messaging (text, audio, video, links) with AI-driven personalization, conditional workflows, 7-day drip campaigns, real-time CRM sync, and analytics tracking.

### Invoice Automation Workflow – Telegram to Google Drive & Excel | [Link](#)

- Developed an intelligent n8n-based workflow automation system for invoice management with real-time Telegram integration.
- Tech Stack: n8n, Telegram API, Google Drive API, Google Sheets/Excel, PDF/Image/Text Processing
- Features: Trigger-based invoice collection via Telegram (text, images, PDFs), automated file parsing and categorization, secure storage in Google Drive, and structured data logging into Google Sheets/Excel for seamless tracking and reporting.