

# Ajay Gangwar

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**GitHub:** [GitHub/ajaygangwar945](#)

**Portfolio:** [ajay-gangwar-portfolio.netlify.app](#)

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## SKILLS

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- **Languages:** Python, C/C++, JavaScript, Java
- **Frameworks:** React, Next.js, Express, Node.js, HTML and CSS, Tailwind CSS
- **Tools/Platforms:** MySQL, MongoDB, Figma, MS Excel, Power BI, Git, GitHub, Linux
- **Core CS Fundamentals:** DBMS, OS, CN, SQL, OOPs
- **AI/ML & Data:** Pandas, NumPy, Seaborn, Scikit-learn, Matplotlib
- **Soft Skills:** Problem-Solving, Time Management, Leadership, Team Work, Adaptability

## PROJECTS

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### Ayush Healthcare Interoperability Platform | [GitHub](#) | [Live](#)

Sep '25 - Oct '25

- Architected a React and Fast API platform that bridged global standards and reduced latency by **35%** asynchronous processing.
- Devised a dual-coding engine that mapped **1,000+** terms to ICD-11/SNOMED CT and achieved **95%** accuracy via fuzzy logic.
- Standardized healthcare data exchange using HL7 FHIR R4 and ISO 22600, ensuring compliance and secure interoperability.
- Orchestrated ABHA OAuth2 and WHO APIs and optimized queries to process data under **200ms** for health ecosystems.
- **Tech Stack:** Python (Fast API), React, TypeScript, HL7 FHIR R4, WHO API

### ATS Resume Score | [GitHub](#) | [Live](#)

Mar '25 - Apr '25

- Engineered an AI-powered ATS analyzer using Streamlit and Google Gemini and reduced resume screening time by **70%**.
- Integrated Gemini Flash models to parse PDFs and generate alignment scores and delivered insights in under 6-7 seconds.
- Implemented advanced keyword matching algorithms to identify skill gaps and achieved **92%** accuracy in job fit analysis.
- Designed a secure in-memory processing pipeline, ensuring user privacy by avoiding local storage of uploaded resume files.
- **Tech Stack:** Python, Streamlit, Google Gemini API, Pillow

### Pet Adoption & Animal Welfare | [GitHub](#) | [Live](#)

Jun '24 - Jul '24

- Engineered a responsive web platform using HTML5 and ensured optimal rendering across **4+** device breakpoints.
- Integrated Swiper.js to render a dynamic touch-responsive gallery and increased user engagement by **30%**.
- Programmed robust client-side validation algorithms using JavaScript and reduced form submission errors by **40%**.
- Deployed the application on Netlify with automated CI/CD workflows, achieving high availability and fast page load performance.
- **Tech Stack:** HTML5, CSS3, JavaScript, Swiper.js, Netlify

## TRAINING

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### Code Query - Lovely Professional University | [Certificate](#)

Jun '25 - Jul '25

- Deployed a centralized Oracle APEX portal to automate submissions and reduced processing time by **60%** for **500+** papers.
- Designed a normalized database schema with PL/SQL triggers, maintaining strong data integrity across 40+ relational tables.
- Encapsulated logic within stored procedures and optimized review lifecycle efficiency by 35% via server-side execution.
- Established secure role-based access controls and dashboards and eliminated **90%** of manual email tracking for stakeholders.
- **Tech Stack:** Oracle Database 19c, Oracle APEX, PL/SQL, SQL Developer

## CERTIFICATES

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- Introduction to Modern AI | Cisco | [Link](#) Nov '25
- Flutter UI Bootcamp | Udemy | [Link](#) Oct '25
- Python for Data Science | NPTEL | [Link](#) Feb '25
- Software Engineering | Coursera | [Link](#) May '24
- Responsive Web Design | FreeCodeCamp | [Link](#) Nov '23

## ACHIEVEMENTS

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- Achieved 2nd place among 1k+ participants at HackTheBlock and won \$300 for a high impact blockchain project. Jun '25
- Secured 2nd Rank in AI in Web Development and developed an AI-driven language learning platform using Python. May '24

## EDUCATION

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### Lovely Professional University

Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.38**

Phagwara, Punjab

Aug '23 - Present

### Vidya Bhavan Public School

Intermediate; **Percentage: 74%**

Bareilly, Uttar Pradesh

Apr '21 - Apr '22

### Vidya Bhavan Public School

Matriculation; **Percentage: 90%**

Bareilly, Uttar Pradesh

Apr '19 - Apr '20