Raman Sah

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EDUCATION

Indian Institute of Information Technology Kalyani   July 2023 – May 2027
Bachelor of Technology (B.Tech) Computer Science and Engineering   West Bengal, India
- CGPA : 9.15 / 10

SKILLS

Languages: C, C++, Python, Java, JavaScript, TypeScript, HTML, CSS
Frameworks: Angular, React, SQL, Flask, NodeJS, PWA (Progressive Web Application)
Developer Tools: Figma, Git, Github, VS Code, Vercel, Netlify, Generative AI, Speech to Text Recogonition, Machine Learning, Jupyter Notebook, MySQL, Linux, Numpy, Pandas, Fireducks, Matplotlib, OpenCV, Algorithms
Problem–Solving: Over 400+ Problems solved on **<u>LeetCode</u>** , **<u>CodeForces</u>** (1200+ Rating), **<u>CodeChef</u>** (3 Stars)

WORK EXPERIENCE

Data Science Intern   August 2025 – Present
AgenixAI   Etawah, Uttar Pradesh
- Built an LLM Evaluation Model for a healthcare application using 10 large language models (5 General , 5 Medical) to classify queries, review answers and score responses for accuracy and compliance, cutting manual audit effort by **50%**.
- Designed a modular evaluation pipeline with task type classification, multi modal dispatch, peer review loops and statistical scoring, using Python, LangGraph, FastAPI, and logging tools to ensure scalable and reliable performance.

Software Developer Intern   May 2025 – July 2025
Decimal Technologies Pvt Ltd   Gurugram, Haryana
- Architected and delivered a high performance Angular SPA with component-driven UI and PWA capabilities, achieving **30–40%** faster load times ensuring seamless and responsive user experiences across devices.
- Implemented robust RBAC via Angular Guards and centralized RxJS-driven state management, enabling secure, real time data dynamic and UI rendering interactions using Angular Material with filtering, pagination, and modal forms.

LEADERSHIP EXPERIENCE

Executive Committee Member   Janurary 2024 – January 2025
Freescape – Tech Club, IIIT Kalyani   West Bengal, India
- Acquired deep expertise in open source ecosystems while leading teams and delivering impactful workshops on emerging trends and advanced methodologies in web development.

PROJECTS

<u>Garbage Classification</u>   Github Repository

- Architected an end to end Jupyter pipeline and fine-tuned EfficientNetB0 for **6** class waste classification, achieving **92%** accuracy, with real-time augmentation and robust training safeguards, enabling live waste-sorting demos.
- Technologies Used: **TensorFlow, Keras, EfficientNetB0, Python, Jupyter Notebook, NumPy, Matplotlib, Scikit-learn, OpenCV.**

<u>Investfolio - A Modern Investment Dashboard</u>   Github Repository

- Developed a modern and secure investment tracking web application that allows users to monitor their portfolios in real time using live market data from Google Sheets and the Google Finance API.
- Technologies Used: **Angular, Next.js, Firebase Authentication, MongoDB, NodeJS, Google Sheets API, Google Finance API, Angular PWA.**

<u>University Management System</u>   Github Repository

- Engineered a secure, installable PWA University Management System with Angular Guards and JWT-enabled role-based dashboards and responsive, offline-capable Angular Material/RxJS interfaces leveraging reactive forms and validators for strict access control, seamless workflows, superior UX, maintainability, and real-time updates.
- Technologies Used: **Angular, Angular Material, RxJS, Guards, Reactive Forms, and Validators, Angular PWA, NodeJS, HttpClient (RESTful APIs), JWT, MongoDB.**

AWARDS AND CERTIFICATIONS

Awards:
- **1st** prize in Education Track at MLH Status Code 2 Hackathon organised by MLH and IIIT Kalyani — 2025
- **1st** place in CP Contest organised by CodeCubes IIIT Kalyani, among **100+** participants — 2025
- **Top 25** hackers in Rebase<01> Hackathon organised by Google DSC IIIT Kalyani — 2024

Certifications:

Angular Web Developer Certification by **Infosys SpringBoard**, **AWS** Certified **Cloud** Practitioner, **Postman API** certification, **AI** Fluency, Framework and Foundations Certification by **Anthropic**.