

Aparesh Kumar

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EDUCATION

Siksha 'O' Anusandhan
Computer Science and Engineering (CGPA: 9.31)

Bhubaneswar, India
Graduation Year: 2025

St. Xavier's School
Intermediate (Percentage: 89.75%)

Ranchi, India
Graduation Year: 2021

EXPERIENCE

PwC | Launchpad - Cloud and Digital
Strengthened qualifications for in-demand digital roles by completing a comprehensive training program in cloud computing and digital technologies

PwC
Apprenticeship
Feb 2024 - July 2024

Research and Development Intern at Samsung Prism
Responsible for developing tools to calculate and reduce energy consumption in Java-based applications.

Samsung R&D Institute India
Internship
May 2023 - Feb 2024

PROJECTS

MartyMate (Walmart Sparkathon) · [GitHub](#)

Jul 2024 - Aug 2024

NodeJS, Python, MongoDB, NextJs

- Lead a team to deliver personalized product customization platform for Walmart's e-commerce, allowing users to submit and communicate customization requests seamlessly.
- Developed a pipeline utilizing GroundingDino and SAM models for prompt-based segmentation, enhancing personalized product recommendations for Walmart's e-commerce platform.
- Implemented a diffusion model to generate customized product recommendations, followed by ranking to identify top-grossing items for production consideration.

LegallyFit (Smart India Hackathon) · [GitHub](#)

Sept 2023

ReactJs, NodeJS, LLM, AWS

- Collaborated as a team to architect a cost-effective, AI-powered legal document creation platform for India leveraging local document embeddings and NLP for document classification and retrieval.
- Implemented a custom semantic classification system using transformer-based natural language processing (NLP) and local embedding similarity search to determine legal categories.
- Enhanced user experience by integrating legal reference document retrieval with case similarity search.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C Programming Language

Web Development: NodeJs, GraphQL, HTML, TailwindCSS, ReactJS, NextJs

Databases | Tools: MongoDB, MySQL, OracleDB, Git, GitHub

ACHIEVEMENTS

- Solving For India Hackathon:** Qualified for regionals round and made it to top 10 in East Zone of India.
- HackNITR Hackathon:** Secured the top charts in the 36-hour long hackathon.
- Coding Profiles:** [LeetCode](#) (200+ Questions solved, 1000+ Submissions) | [GeeksForGeeks](#) (Institute Rank 83)
- Open Source:** [krAparesh](#) (Participated in Open Source Challenge by Scaler Academy)