

Ameet Kumar Mishra

Agra, Uttar Pradesh

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Academic Background

Year	Degree/Certificate	Institute	CPI/%
2025 (Expected)	B.E., Computer Science	Chandigarh University, Punjab	8.2/10
2020	Intermediate(CBSE)	Army Public School, Agra Cantt	93.4
2018	Matriculation(CBSE)	Army Public School, Agra Cantt	94.2

Skills

- **Languages:** C/C++, JavaScript, TypeScript, SQL, Python.
- **Technologies:** React, Node.js, Express.js, Redux, Bootstrap, CSS Tailwind, PostgreSQL, MongoDB, Prisma, AWS, Cloudflare, Nginx, Docker, Next.js

Projects

BOT AI

Jan 25 [GitHub](#) 

- **Designed** a full-stack **conversational AI platform** using the **MERN stack**, with **React** for the frontend, **Node.js** and **Express.js** for the backend, and **MongoDB** for efficient chat storage.
- **Integrated** the **Gemini API** to enable **AI-powered chat functionality**, providing intelligent and context-aware responses for an engaging user experience.
- **Implemented secure authentication and image handling** with **Clerk** and **ImageKit.io**, ensuring seamless user access and efficient media management.

My Blog-web-app

Dec 24 [GitHub](#) 

- **Designed** a full-stack **blog management platform** with **React (TypeScript)** and **Hono**, featuring **JWT authentication** and **Prisma ORM** for secure content management and responsive user interfaces.
- **Engineered** a serverless backend architecture using **Cloudflare Workers**, implementing edge computing for low-latency API responses and scalable traffic handling.
- **Developed** a shared utility package **ameet.kumar.common** published on npm, centralizing **TypeScript** configurations and reducing code duplication across services.

Paytm Clone

Oct 24 [GitHub](#) 





- **Developed** a full-stack **Paytm clone** enabling **secure user authentication**, **transaction management**, and **account monitoring** using **React.js** and **Express.js**.
- **Designed and implemented** features such as **balance checks**, **fund transfers**, and **transaction histories**, utilizing **MongoDB** and **Tailwind CSS** for a seamless user experience.

Mini-Parachute Launcher - ADRDE(DRDO)

Dec 19

- **Developed** a **Mini-Parachute Launcher** using **air cannon mechanisms** and **IoT** automation, enabling precise payload deployment (400g capacity) and real-time remote actuation.
- **Engineered** IoT-based triggering systems using **sensor networks** and embedded devices, streamlining parachute release workflows and ensuring fail-safe operation.

Certifications

- Full Stack Software Developer – **IBM** [Verify](#) 
 - **Mastered end-to-end** development through **project-driven** training in modern frameworks, **cloud deployment**, and database management.
 - **Curriculum included:** React.js, Next.js, Node.js, Express.js, MongoDB, AWS, Docker, PostgreSQL, Prisma.
- Programming with JavaScript – **Coursera** [Verify](#) 
- Python for Data Science – **NPTEL** [Verify](#) 
- Introduction to Internet of Things – **NPTEL** [Verify](#) 

Involvement

- **Student Member** – *IEEE Computer Society* 2023 – 2024
- **Head Boy** – *Army Public School, Agra Cantt* 2019 – 2020
- **Project Lead ADRDE(DRDO)** – *Aerial Delivery Research and Development Establishment* 2019
 - Led a team of six members to design, develop and deploy **four mini-parachute launch systems**