Aman Pratap Singh

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Bachelor of Technology
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EDUCATION

· **National Institute of Technology Karnataka, Surathkal** — *Year: 2021 - Present*
  B.Tech in Information Technology — CGPA: 7.82

· **Nalanda Academy, Kota** — *Year: 2020*
  Class XII CBSE — Percentage: 91.2

· **Mayoor School, Ajmer** — *Year: 2018*
  Class X CBSE — Percentage: 87

EXPERIENCE

· **CrystalTech** — *april 2024 - June 2024*
  FrontEnd Developer Intern — Indore, India
  – Developed and maintained dynamic web applications using React, ensuring high performance and responsive design and Created reusable components and optimized code for scalability and efficiency.

PROJECTS

· **AI-Interview-Mocker** — *July. 2024 - Present*
  Technologies: NEXT.js, Neon db, Stripe, shadcn-UI, Drizzle ORM, Gemini API, clerk — GitHub
  – This FullStack application built over NEXT.js helps you prepare the interviews in an almost real environment.
  – Real-time mock interview simulations with camera and microphone recording capabilities.
  – Dynamic AI-powered question generation tailored to various interview scenarios according to the personal in field experience, with Comprehensive interview feedback and performance analysis with payment Integration.

· **R-Estate App** — *June. 2024 -Present*
  Technologies: React.js, MongoDB, socket.io, Prisma ORM — GitHub
  – Engineered a full-stack MERN (MongoDB, Express.js, React, Node.js) application for real estate bookings.
  – Implemented Real-time chat with buyers/sellers using socket.io.

· **ClickBait Detection App** — *March. 2022 - Present*
  Technologies: Python, Machine Learning — GitHub
  – Developed A clickBait detection Application which tells if a Youtube video is clickbait or not.
  – Implemented LSTM for words mapping and RNN. It also shows the related video misleading titles.

TECHNICAL SKILLS and INTERESTS

Languages: C++, Python*, JavaScript
Developer Tools: Visual Studio Code, Atom
Databases: MySQL
Areas of Interest: Problem-Solving, Data Structures and Algorithm

KEY COURSES

Information Technology: Object Oriented Programming, Operating System, Database Management, Data Structures and Algorithms.

POSITIONS of RESPONSIBILITY

· **Vice Captain** Cricket Club, NITK Surathkal — *Jan. 2024 - Present*

· **Executive Member** Photography Club, NITK Surathkal — *Oct. 2022 - Present*

ACHIEVEMENTS

-Solved 450+ problems over various coding platforms (Leetcode,GFG,CodeStudio).