Sumit Kumar

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EDUCATION

- **Manipal University**
  B. Tech., Computer Science and Engineering (CGPA: 7.94)
  Jaipur, Rajasthan, India
  2021 - 2025

- **Central Academy**
  AISSCE (Class XII), CBSE (89)
  Lucknow, Uttar Pradesh, India
  Completed 2020

SKILLS SUMMARY

- **Languages**: Python, JavaScript, PHP, HTML, CSS, C
- **Frameworks & APIs**: ReactJS, NodeJS, Firebase, OpenAI, Razorpay
- **Data Analytics**: Power BI
- **Graphic Design**: Figma, UI/UX
- **Database**: MySQL
- **Others**: GitHub, VScode, Pycharm, Machine Learning, MS office tools

EXPERIENCE

- **RCMA - DRDO, Ministry of Defence, Govt. of India**
  Student Trainee
  Kanpur, Uttar Pradesh, India
  Dec 2023 - Jan 2024
  - **Website Enhancement**: Enhanced organization's official website for better user experience and features.
  - **Manufacturing Process Observation**: Observed manufacturing processes and quality control during on-site visits at the hangar.
  - **Email System Improvement**: Enhanced internal communication by implementing a personal SMTP server, resulting in reduction of email response times.

- **Analysed.in**
  Web-Dev Intern & Team Leader
  Remote
  Mar 2023 - Aug 2023
  - **Bug Fixing**: Resolved bugs, improving overall site performance and user experience across all major browsers.
  - **Team Leadership**: Mentored and led a team of 20 interns for collaboration, ensuring successful project completion.
  - **Firebase Integration**: Integrated Firebase for website notifications, enhancing the site's interactivity.
  - **Project Coordination**: Coordinated backend and frontend development tasks, finishing the project 2 weeks ahead of schedule.

PROJECTS

- **JourneyPal (PC-based web-app)**:

  - A personalized travel itinerary generator using the OpenAI API for travel suggestions based on input such as budget, days available, and location preferences.
  - Integrated the Translator API to provide multi-language support, allowing users from different parts of the world to plan trips in their native language.
  - Achieved a 15% increase in user engagement within the first 3 months of launch due to improved accessibility.

  (Tech: ReactJS, NodeJS, OpenAI, Firebase, Razorpay)

- **Anomalous Human Activity Detection System (AI-driven surveillance)**:

  - An AI-driven system that uses computer vision and deep learning models to detect abnormal human activities in crowded environments.
  - Implemented real-time monitoring and motion analysis, enhancing security and reducing false alarms.
  - Developed and deployed the system on a test server, where it processed live video streams for continuous monitoring.

  (Tech: Python, OpenCV, TensorFlow)

- **CabRental (PC-based web-app)**:

  - Full-stack web application designed to facilitate affordable cab bookings for university students.
  - Integrated booking management, payment gateways, and a user-friendly interface, improving booking efficiency.
  - Collaborated with university cab services to partner with the platform, expanding service reach.

  (Tech: HTML, CSS, JavaScript, PHP, MySQL, Razorpay)

Co-Curricular Achievements

- **QUIZOPHILE 3.0**: Achieved Third position in the quiz competition conducted by SIMS, Pune.
- **Hack the Meta-Verse Hackathon**: Finalist for AI-driven travel solution in the hackathon by IEEE & IIIT Bangalore.
- **Student Excellence Award**: Received for academic and personal growth.
- **Goldman Sachs Fin-tech Engineering Virtual Experience**: Completed the virtual experience with Goldman Sachs.
- **NPTEL Elite Certificate**: Earned with 66% score in Design Analysis and Algorithm.

Roles & Responsibilities

- **Girlscript Summer of Code (GSSoC) Extension 2024**   Remote
  Project Admin   *Oct 2024 - Nov 2024*
  - **Project Management**: Led and coordinated project tasks, managing timelines for contributors, ensuring on-time task completion.
  - **Team Collaboration**: Worked closely with mentors and contributors to solve any technical blockers.

- **Vinyasa Summer of Code (VSoC)**   Remote
  Project Admin   *Jun 2024 - Jul 2024*
  - **Task Management**: Streamlined task allocation to contributors and ensured smooth project execution.
  - **Documentation**: Maintained documentation and project progress for efficient collaboration.

- **Cyber Space Community**   MUJ Community
  Joint Web Master   *Jun 2023 - May 2024*
  - **User Experience Enhancement**: Improved user experience by analyzing behavior and implementing data-driven website improvements.
  - **Feature Development**: Collaborated with developers to implement new features and optimize website security and performance.