Anuj Kumar

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EDUCATION

- **Gaya College of Engineering, Gaya** — Gaya, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 8.54 — 2017 - 2021
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages:** Python, C, C++, JavaScript, SQL, Bash, PHP, Core Java, Kotlin, HTML, CSS
- **Frameworks:** NLTK, SpaCy, Gensim, Pandas, OpenCV, SciKit, Matplotlib, Jupyter, Flask, Waitress, Bootstrap
- **Tools:** Git, Snowflake, SAP HANA, Teradata, MySQL, SQLite, Tableau, Databricks, Docker
- **Platforms:** Linux, Windows, Web, Arduino, Cloud - Google Cloud Platform, AWS, Firebase
- **Soft Skills:** Leadership, Problem-solving, Analytical thinking, Teamwork, Communication, Time management

EXPERIENCE

- **Infosys Limited** — Bhubaneswar, India
  Systems Engineer (Full-time) — Nov 2021 - Present
  - **Software Development**: Written scripts in Python, SQL and Bash for implementing client needs.
  - **Code Quality**: Participated in code reviews and ensured the code was maintainable, testable, and efficient.
  - **Debugged Unidentified Bugs**: Troubleshot and debugged many unidentified software issues, and provided timely resolutions to the client.
  - **Team-work**: Collaborated with cross-functional teams to analyze, design, and implement software solutions.
  - **Tech**: Linux, Python, SQL, Bash, SAP HANA, Snowflake, Teradata, Tableau, Autosys.
- **ICT Academy, IIT Kanpur** — Remote
  CyberSecurity Trainee (Internship) — Jun 2020 - Jul 2020
  - **Project on Ethical Hacking**: Worked on a project based on the training to penetrate the target system, identify its vulnerabilities, and close any open back doors. Tech: Kali Linux, Red Hat Linux.
- **Internshala** — Remote
  Android Development Trainee (Internship) — May 2020 - Jun 2020
  - **Project on a Food Ordering Application**: Built a Food-ordering App from scratch during the training period. Also, I was among the top learners of the batch. Tech: Kotlin, Android, Retrofit.

PROJECTS

- **YouTube Transcript Summarization (Natural Language Processing, Flask, Web Development, API)**: Flask Server which summarizes the available videos on YouTube based on their available subtitles/transcript. The server can also return the summary for videos in JSON Format by a GET HTTP Request. Tech: Python, JavaScript, HTML, CSS, JavaScript, Heroku. (May 2021)
- **Mask Object Detection (Machine Learning, Computer Vision)**: AI model to detect masks from image or video stream. The model was trained using TensorFlow to draw rectangles on top of the input stream. Tech: Python, Tensorflow, OpenCV. (Dec 2020)
- **Aether: Programming Language (Compiler Design)**: (Development Discontinued) Aether was meant to be a new programming language which would accept code syntax from any of the popular programming languages. It was meant to be machine-independent, super-fast and simple to use. Tech: Java, Kotlin, JVM, ANTLR, Gradle. (September 2020)
- **Vehicle Tracking using Peer to Peer Networking (Android, Networking, Distributed Computing)**: Android App built using Kotlin to track the college buses without using the vehicle's GPS. The application used peer-to-peer networking, Google Maps and Firebase to detect the vehicle's current location. Tech: Kotlin, Firebase, Google Maps API. (Jan 2020)
- **Glaze: Messaging App (Android, Databases, Networking)**: An Android App, created from scratch based on the idea of making an indigenous alternative to Messenger and WhatsApp. It used Firebase, SQL Lite and Java to allow users to message one to one or in groups. Tech: Android, Java, Firebase. (May 2018)

HONORS AND AWARDS

- Awarded Special Prize in Bootcamp and Hackathon on AI/ML Online Training Program - September 2020
- First Prize Winner at a 12-hour coding Hackathon - September 2019
- Awarded for contributing to Open Source at Google CodeIn - March 2018

VOLUNTEER EXPERIENCE

- **Mentor at Google Developers Group Club** — Gaya, India
  Acted as the mentor for the newly-founded club, along with reaching out to several students. — Aug 2021 - Oct 2021
- **Student Expert at Postman** — Remote
  Learnt as well as helped other members in gaining API Skills under Postman Student Program. — May 2021 - Oct 2021
- **Event Organizer at CSI:MTD Workshop** — Remote
  Successfully organized a one-week online workshop with an audience of approx. 500 people. — Dec 2020 - Dec 2020
- **Community Lead at ByteKode Coding Club** — Gaya, India
  Impacted about 1000 students by increasing awareness of Competitive Programming. — Aug 2019 - Oct 2021