Ishan Arora

Coding Profile: leetcode.com
Github: github.com/ishan
LinkedIn: linkedin
Portfolio: Ishan

Email: aroraishan51@gmail.com
Mobile: +91-7017342099

SKILLS SUMMARY

- **Languages**:   Python, C, C++, Java, Javascript
- **Frameworks**:   Express JS, TensorFlow, Keras, Django, Selenium, Cucumber,JBehave, Vue JS, React JS, React Native
- **Tools**:   Docker, GIT, GITLAB, SQL, Maven, TestNg, Junit, Mongo DB, Jenkins
- **Platforms**:   Linux, AWS, GCP, IBM Cloud, Heroku

EXPERIENCE

- **Mercedes Benz Research Development India**   Bangalore
  Technical Consultant   *April 2023 - Present*
  - **Front-End Development**: Developed responsive and user-friendly web interfaces using modern web technologies such as HTML5, CSS3, and JavaScript, enhancing user experience and engagement. Utilized front-end frameworks such as React to create interactive and dynamic user interfaces that align with industry best practices.
  - **Back-End Development**: Designed and implemented RESTful APIs using Node JS, facilitating efficient communication between the front-end and back-end systems. Leveraged Node JS and Python Fast API to create robust server-side components that optimized data processing and ensured data integrity.

- **Epam Systems.**   Hyderabad
  Junior Software Developer (Full-time)   *Feb 2022 - April 2023*
  - **Team Work:**: Collaborated with cross-functional teams, including designers and product managers, to ensure seamless project execution from concept to delivery.
  - **Technology and Framework:**: Developed a **REST API** for a web application using Node js that enabled third-party integration.
  - **Design Patterns:**: Utilized critical design patterns such as **Adapter, Factory** to assist with projects.

- **Digital Bank of Singapore**   Client
  Test Automation Engineer   *Aug 2022 - April 2023*
  - **Agile** : Developed an automated system for collecting and analyzing test results, providing detailed reports for stakeholders
  - **Team Work:**: Collaborated with developers to ensure test requirements were met.
  - **Technology and Framework:**: Developed a fully automated **BDD** Framework to test **Mobile and Internet Banking application** with complete Integration of **CI/CD** pipeline.

PROJECTS

- **Neural Style Transfer**: AI model which is which is used to add style such as Picasso to input images using Transfer Learning and custom loss function implemented in PyTorch framework from scratch. Tech: Python, Pytorch, numpy, OpenCV.

- **Buzzer (Social Media)**: A MERN-based social media web App with user authentication, profiles, feeds,multimedia post creation, and Caption. Ensured responsive design,Hashing for password encryption using **bcrypt.js** across devices and JWT web tokens for auth. Tech: ReactJS, Redux, AXIOS.

- **Pirate KART**: A React-based e-Commerce web app with Strapi CMS integration.Implemented user authentication, cart management and secure payment integration using stripe.Created responsive product listings, search, and sorting options for improved navigation and product discovery. Tech: ReactJS, Strapi, Redux, SCSS.

- **Vision - COVID-19 Detection using X-ray(CNN, Transfer Learning, Streamlit):**: Research oriented, open source, Deep Learning application to detect Covid-19 in patients using X-ray showing heatmap around the region of potential swelling. Tech: Python, Streamlit,Google Colab, TensorFlow (October 2021- December 2021)

EDUCATION

- **Gurukul kangri Deemed to be University**   Haridwar, India
  Bachelor of Technology - Computer Science Engineering; CGPA: 9.1   *August 2018 - June 2022*
  Courses: *Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking,*
  Databases, Network Analysis, Numerical Methods, Big Data, Computer Architecture, Theory of Automata
  Publication: Effect of distance metric and Feature Scaling on k-NN algorithm

EXTRA-CURRICULAR ACTIVITIES

- **YouTube.**   Remote
  Content creator - Mentor   *April 2022 - Present*
  - **Mentorship:**: I talk about software development, college, and problem solving approaches, motivation on my channel.
  - **Content:**: I talk about software development, college, and problem solving approaches, motivation on my channel. ○ Content: I also post Leetcode daily problem solution video's, interviews with people that are doing some amazing work in the tech community even from a Tier 3 college.

- **Google Developer Student Club**   Haridwar, India
  Core Team Member   *August 2019 - July 2020*
  - **Description:**: As a core team member I was responsible for mentoring 300+ students of my university for building Digital products using Google tech stack.