GAURAV KESWANI

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ENTRY LEVEL SOFTWARE DEVELOPER

Object-Oriented Programmer | Front-End Web-App Designer | Aspiring ML Enthusiast

Seeks opportunities to leverage user research, develop front-end designs, and structured thinking to drive performance in software and web-based applications. Able to conceptualize and deploy valued applications from a systems-level perspective, 'big picture' view, holistic and multi-perspective thinking, and user-centeredness. Adaptable and decisive self-starter with good communication skills – able to interface in a remote/team setting.

EDUCATION

B. Tech, Computer Science (82.3%) – U.C.E.R., Prayagraj	**Aug. 2015 – June 2019**
Higher Secondary, Stream: PCM with Computers (95.25%) – B.H.S, Prayagraj	**May 2015**
High School, Stream: Computers (92.4%) – B.H.S, Prayagraj	**May 2013**

PROJECTS

Responsive Web Applications

- **Portfolio:** Designed and developed a responsive Web Portfolio hosted at Netlify with a custom domain to portray all my projects, skills and coding journey throughout my life with links to my YouTube Channel, Competitive Coding sites, Github and LinkedIn.
  Challenge: Improved high-quality image loading process time by 10% since 2017.
- **Every Inch Design Master:** Implemented a multiple page static website with the purpose of displaying custom HTML website templates. The page has an implementation of easy navigation aiming at enjoyable user experience. **Responsive UI/UX, Html, CSS, JS, jQuery.**
- **Pomodoro Clock:** Pomodoro is a technique with a purpose to improve productivity measured by a timer. Work or study time is getting split into smaller chunks with breaks taken in between. **Inkscape, JS.**

Machine Learning

- **AutoQuest:** Developed an Automatic Question Paper Generator System to generate a doc/pdf format question paper with various difficulties. **Node.js, MongoDB, Python, JS, Html, CSS**
  Challenge: Reduced duplicate occurrence of questions relative to the size of questions list by 27% using Modified Naïve-Bayes Theorem.
- **Iris-Species Identifier:** Implemented an algorithm for Prediction of iris flower sets class using Machine Learning on the basis of physical attributes: - petal length, petal width, sepal length, and sepal width. **Pandas, Seaborn and Scikit Libraries, Python, NumPy, Scipy, and I-Python Notebook.**
  Challenge: Visualize the iris flower sets pictures by representing images in vector forms and Improved accuracy of prediction to 99.1667 % using SVM algorithm from 96.6667% using the LR algorithm.

TECHNICAL PROFICIENCY

- **Languages:** Java, Python, C, JavaScript, HTML, CSS
- **Frameworks:** ReactJs, Formik, GitBash, GitHub, MySQL, Anaconda Navigator

INTERNATIONAL COMPETITIONS AND WORKSHOPS

- Summer Training Program at the **Asian Institute of Technology,** Thailand.   **15th-28th June 2017**
- 2nd IEEE Sponsored **ICCCCM** Seminar**.**   **21st-22nd Oct. 2016**
- **20th International Competition** for Science and Mathematics (**QUANTA**), India.   **15th-18th Nov. 2014**

ACHIEVEMENTS & AWARDS

- **2019:** Ranked 2,240 among 2,68,331 in Open Coding Competition by Tech-Gig **Code Gladiators,2019**.
- **2019:** Ranked 5th position in Team Coding Competition at NIT Delhi (**NITD GOLF**)
- **2018:** Ranked 18th position in All India ALGO XTREME Contest held at **HackerEarth**.
- **2018:** Ranked 31st position in BitByte Republic Nation Coding Contest held at **HackerEarth**.
- **2017:** Runner-Up of Techie-Of-The-Year organized by **Technophile** Society at my College.