

Devansh Goel

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EDUCATION

Year	Degree/Exam	Institute
2020-Present	B.Tech in Computer Science & Engineering	Graphic Era Hill University
2020	12 th C.B.S.E	Kendriya Vidyalaya O.N.G.C
2018	10 th C.B.S.E	Times World School

TECHNICAL SKILLS

- **Programming Languages:** C/C++ (proficient), Python (proficient), Node JS (intermediate), Java (intermediate)
- **Full Stack Web development:** React JS, Express JS, Flask, Bootstrap, HTML, CSS, JavaScript, PHP
- **Databases:** MySQL (SQL Based), MongoDB
- **Machine Learning Tools:** TensorFlow, Keras, Scikit-Learn, NumPy, Matplotlib, Pytorch
- **Cloud Computing:** AWS Cloud, IBM Cloud, Google Colab, Azure, GitHub
- **Other Skills:** Data Structures and Algorithms, Deep Learning

INTERSHIPS

- **Team Lead & Full Stack Web Developer, IBM SkillsBuild (Aug 2022-Oct 2022):**
 - Facilitated a virtual communication feature to enhance doctor-patient interaction in a healthcare project.
 - Led geographically dispersed team of six, with exemplary leadership, delivering successful outcomes.
 - Implemented MERN stack, socket.io (networking), API development.

RESEARCH PAPERS AND PUBLICATIONS

- **Devansh Goel, Amit Gupta, "Deep Learning-Based Classification of Cutaneous Viral Diseases: An Efficient Approach" (2023), CERA 2023:** With aim to find optimal CNN model and activation function, achieved 96% accuracy employing Inception V3 with ReLu activation function.
- **Devansh Goel, Divya Singh, Amit Gupta, Satya Prakash Yadav & Manish Sharma, "An Efficient Approach For To Predict The Quality Of Apple Through Its Appearance" (2023), IEEE IC2E3 Conference:** For technological advancements in agriculture, trained a model to find efficient combination of CNN architecture and activation function, achieving best accuracy of 93%.

PROJECTS

- **Lawyer Appointment Portal (MERN, Nov 2022-Jan 2023):** With interactive frontend and 95% robust backend API developed full stack website for convenience of lawyers and their clients, with secure authorization.
- **Kyphosis Disease Detection (Machine Learning, Oct 2022- Nov 2022):** Applying decision trees, trained model, detecting kyphosis in children, gaining 76% accuracy. For convenience of use, built website implying flask and HTML.
- **Online Personal Diary (MERN, Mar 2022- Jul 2022):** To secure the feelings of many, built full stack portal implementing strong authorization & authentication system, optimizing security by 85%.
- **File Merger (JAVA, July 2022):** Build a text file merger using Java with interactive frontend using Java Swing.
- **REST-API for E-learning Portal (Express JS, Dec 2021-Feb 2022):** Analyzing the rise of e-learning, facilitated a backendAPI, ensuring security and data integrity, improving online interaction by 20%.
- **Banking Management System (C, Dec 2021):** Implemented a robust banking management system with admin and user logins and passbook generator using C file handling.

CERTIFICATIONS AND TRAININGS

- AWS Solution Architect Associate Training (ICT, Ongoing)
- IBM AI Engineering Professional Certificate (IBM, Coursera, July 2023)
- Programming in Python (Meta, Coursera, Nov 2022)
- Introduction to Artificial Intelligence (IBM, Coursera, Nov 2022)
- Full Stack Development (Edureka, Jul 2022)
- Microsoft Azure AI Fundamentals (Microsoft, Dec 2021)
- Introduction to Cyber Security (Cisco, Feb 2021)

CO-CURRICULAR ACTIVITIES

- **IC2E3, IEEE Conference, NIT Srinagar (June, 2023):** Presented a research paper titled "An Efficient Approach For To Predict The Quality Of Apple Through its Appearance". Interacted with fellow researchers and discussed new research possibilities.
- **YAHAMA AI 2.0 Hackathon, Chitkara University (April, 2023):** Participated in a 48 hours hackathon conducted by YAHAMA Motors and proposed solution for real-life problems.
- **IEEE Student Member, GEHU D.Dun :** Got insight of conducting events for students, improving co-operative skills.

STRENGTHS

- Critical Reasoning
- Curious
- Design Thinking
- Creative
- Problem-Solver