Piyush Goyal

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY MANDI

Bachelor of Technology
Computer Science and Engineering
August 2018 - Present
CGPA: 9.36 / 10

LINKS

Github:// **PIYUSHgoyal16**
LinkedIn:// **piyush**
blog: // DevBae

COURSEWORK

UNDERGRADUATE

Calculus Linear Algebra
Data Structures and Algorithms
Computer Organisation
Information and Database Systems
Mathematics for Computer Science
Probability Statistics
Machine Learning

SKILLS

COMPUTER LANGUAGES

C • Java • C++ • Python
• Flutter • Assembly Language

DOCUMENTATION

Sphinx • Markdown • Jekyll •
ReadTheDocs

TOOLS

Git • Bash • Vim

WEB TECHNOLOGIES

Flask • JavaScript • PHP
• HTML • CSS

FAMILIAR TECHNOLOGIES

MySQL • Apache Spark • Firebase

ACHIEVEMENTS

Institue Rank 2nd for semesters I(SGPA: 9.18/10) , II (SGPA: 9.23/10) and 1st for Semester III (SGPA: 9.67/10).

Ranked 5 star coder on Codechef and expert on Codeforces.

Secured 95.2% marks in CBSE 12th 2018 CGPA 10/10 in CBSE 10th 2016.

DOCUMENTATION/TECHNICAL WRITING

OPENPRINTING | Open Source Contributor | C , Markdown

June 2020 – Present

- Working on CUPS Filters and Documenting the till date progress.
- Writing and organising content for upcoming technologies such as Printer Applications.

CONTEZY | Technical Writing Intern

March 2020 – April 2020

- Visit various websites provided by the company and wrote error free and unplagarised descriptions of 350-400 words for each site/product/company

PROJECTS DOCUMENTATION | Research Project | Jekyll

Dec 2019 – March 2020 | Dr. Padmanabhan Rajan, Dr. Aditya Nigam

- Developed an Android Apps and complete documentation.
- Projects include Bird Recogniser and LakshmanRekha.

TUTORIALS / BLOG | Self Project | Jekyll

June 2019 – present | Robotronics Club

- Wrote tutorials of using Arduino, Raspberry Pi, IoT, etc.
- Description of various technologies and their Integration such as payment Gateways, etc.

PROJECTS

CHOOSE ADMISSION | Software Engineering Intern | Java

April 2020 – May 2020

- Startup helping students to take admission in their dream colleges.
- Developed two Android Apps from scratch using Firebase Backend.
- Enabled Features including College Predictor, College Search, Filling Application, Automated Mails and SMS, Chatbot for reply of basic queries, etc.

MEDEX | Hackathon Project | MySql, PHP, Python, HTML, CSS

May 2019

- Web Application for efficient control over sales of medicines and prevention of financial loss due to medicine expiry.
- Used Machine Learning to predict price and help the Trader to maintain a tradeoff between several factors including expiry, quantity, usage, and price.

POSITIONS OF RESPONSIBILITY

COORDINATOR AT ROBOTRONICS

- **Goals** Widening the horizon of the club to incorporate Computer Science into fields such as IoT, Robotics, Electronics, etc
- **Responsibility** Heading the Core Team to set up the new club and the related culture by organizing contests and sessions on Robotronics.

NATIONAL SERVICE SCHEME

- **Goal** Enhance the quality of education provided to the local Himachal youth by the local area government schools.
- **Responsibility** Co-ordinated the PRAYAS foundation for teaching students from rural areas in Himachal Pradesh.