

GVN Sai Uday

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Education

- 2017–2021 **Indian Institute of Technology, Bhilai**,
Department of Computer Science and Engineering, Bachelor of Technology.
GPA – 8.51/10
- 2017 **Narayana Junior College**,
XII Senior Secondary.
Score – 96%

Experience

- May 2020 – **Software Development Engineering Intern, MAXSECURE SOFTWARE.**
July 2020
 - Developed a PoC of a CNN architecture and trained it to generate a deep learning model to detect malware files among given binary files.
 - Developed a software for full disk encryption which also contains features like removable disk encryption, partial disk encryption and file level encryption.**Roles:** Requirement Collection, Coding, Testing and Documentation
- May 2019 – **Software Development Engineering Intern, PRODUCT LABS, IIIT HYDERABAD.**
July 2019
 - Developed a website for the collection of speech data used to train the ML model as a part of a Government project.
 - Roles:** Requirement Collection, Design, Coding, Testing and Documentation(End-to-end life cycle development)
 - Designed the database and back end according to the requirements specified for the front end.
 - Implemented the back end as REST APIs to support modularity.
 - Performed resource planning, deployment, tracking and reporting for all team members.
 - Helped team members debug their issues and cleared their road blocks.

Projects

- Web Dev **Web development of News and Media website.**
 - Was involved in the development of News and Media website for Inside(the news and media club of IIT Bhilai).
- Web Dev **IIT Bhilai CV/Resume Portal.**
 - Developed a portal for the students of IIT Bhilai to build their CV/Resume, using PHP, MySQL, JavaScript, HTML, CSS as a part of Training and Placement cell.
- Android App **IIT Bhilai Android App.**
 - Made an app for news and events at IIT Bhilai, using the technologies: Firebase, SQLite, WAMP, JSON fetching(real time).

Institute Positions

- 2018 **Part of web development team, Training & Placement Cell, IIT Bhilai.**
- 2018 **Editor in Chief, Design, Inside club.**
- 2017 **Core member of Oratory Club of IIT Bhilai, Orators Club.**

Training

- 2018 **IBM OpenPower AI Training.**
 - Data Science and Machine Learning summer short term course by OpenPower foundation of IBM. It was a two month long course mainly focused on fundamentals of Data Science, Machine Learning and Big Data with some hands-on using opensource tools.

Technical Skills

General	Full Stack Development, Competitive Programming, Machine Learning and Android development
Languages	Python, C++, Java
Development	Django, Flask, Node.js, Android, MySQL
Tools	Git, Shell Scripting, Octave, \LaTeX

Courses

Online	Machine Learning by Andrew Ng, Cloud Architecture on Qwiklabs, Kubernetes in the Google Cloud(a course based on Google Cloud Platform) on Qwiklabs
Regular Academic Courses	Data Structures, Discrete Structures, Algorithms, Database Management Systems, Computer Organisation & Architecture, Theory of Computation, High Performance Computing, Software Tools & Technologies, Operating Systems, Introduction to Language Processing.
Other courses	Linear Algebra, Calculus, Differential Equations, Probability & Statistics, Digital Signal Processing, Vector Calculus, Applied Digital Logic Design, Embedded Programming.