

# DEVANSH MARKAN

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## EXPERIENCE

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**Mentor**, Major League Hacking - 2021 Season

*Sep 2020 - Present*

- Working as a mentor in some of the Microsoft Sponsored Hackathons in MLH 2021 Season starting from September 2020.
- Solving queries, providing feedback on projects and helping students in the MLH Hackathons sponsored by Microsoft.

**Microsoft Learn Student Ambassador - Beta**, Microsoft

*Aug 2020 - Present*

- Joined Global Microsoft Community and learned many Microsoft technologies -Azure, Visual Studio, Power Apps and Github Actions.
- Organised a workshop for the community, joined Web Development League and contributed to real-time Microsoft projects.

**Editor-in-Chief**, Computer Society of India (UPES-CSI)

*Jul 2020 - Dec 2020*

- Leading a team of 12 budding technical writers and mentoring them, conducting Hackathons and technical workshops on languages like Python and PHP.
- Editing Annual CSI magazine "Identity" and launching it in the UPES campus.

## PROJECTS

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**Image Steganography Techniques - Analysis & Implementation (In progress)**

- Analyze and compare the different variants of LSB modification techniques of spatial domain in terms of effectiveness and hiding capacity of these variants.

**Apache Web Server Customisation (Error Handling and Load Balancing)**

- Handling and Creating Customized Error Pages {4xx,5xx} for smooth functioning of the web pages. Creating customized error and access logs for website hoster on the Apache.
- Added Load Balancing capabilities in Apache by using reverse proxy module and disabling Useless Modules to improve user experience.

**GeoHelp Intelligent Chat Bot using Azure Bot Service**

- Implemented C# and LUIS algorithm to create a Responsible Conversational UI using Cognitive Services to help students to learn more about Geography and answer some of their queries.
- Used Azure Bot Service & Azure QnA Maker to handle some scenarios and deployed the bot on Telegram for public use.

**Lehar Foundation (Web-App)**

- Used JSP, Servlet and JDBC to create a web application for rehabilitation of Acid Attack Survivors amidst COVID-19.

## EDUCATION

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**B.Tech. (Hons.) in Computer Science**, Specialization in DevOps

*Jul 2018 - Present*

University of Petroleum and Energy Studies, Dehradun

GPA: 9.33

**AISSCE**, Science

*Apr 2017 - Mar 2018*

Kendriya Vidyalaya, Noida

Percentage: 92.2

## SKILLS

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**Programming Languages:** C/C++, Java, MySQL, HTML, CSS, C#(Beginner), Shell Scripting(Beginner)

**Technologies:** Git, Linux(Ubuntu), Azure(Intermediate), Maven, Jenkins, Docker(Beginner), VisualStudio, Eclipse

**Frameworks:** ASP.NET, DialogFlow, Servlets, JSP API

**Databases:** MySQL, MangoDB(Beginner)

## ACHIEVEMENTS

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- All India Rank-12 in Coderulon Hackathon by IIT, Roorkee – (Solved questions based on Data Structures and Algorithms in 6-hour Coding Hackathon) : Apr 2020
- Sahayak Hackathon - ACM (Finalist - Top 10) – (Developed a web-application "AgriHelp" to create direct contact between farmers and consumers and eliminating the middle men to facilitate farmers) : Jun 2020
- Winner of Coding Ninja's Ninja Autumn festival (August 2020) conducted all over India. : Aug 2020
- Secured 2100 Rank in HackerRank HackFest 2020 out of 9000 coders by solving 3 out of 4 questions.
- All India Rank-3 out of 5000 participants in CodeClash Hackathon by NIT, Manipur. : Apr 2020
- Dean Merit List and recipient of Academic Scholarship in UPES for 3 years in a row.
- Participated in Google KickStart 2020 in Round B,D,G and solved 2/3 questions out of 4.
- Participated in Hacktoberfest 2020 & 30 days of Google Cloud Program 2020. : Oct 2020
- 2-time Silver Medal Holder in Technical Blog Writing Competition on Medium. (Username on Medium - markandevansh99)