

# DANISHAN

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[GitHub - Danishan1](#) | [LinkedIn - Danishan .](#) | [Portfolio](#)

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## Professional Summary:

Versatile software developer with a strong foundation in web development, specializing in the MERN stack (MySQL, Express.js, React.js, Node.js). Currently working as an **SDE-I at JKCS Software**, I bring a demonstrated ability to deliver responsive and scalable solutions in full-stack development. My technical proficiency spans C/C++, Java, Python, and system design, enabling me to adapt to diverse technologies and project needs.

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## Educational Background:

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| <b>B-Tech CSE</b> (Computer Science and Engineering)<br>Amity University, Uttar Pradesh | 2020-2024<br><b>8.66/10</b> |
| <b>XII - Science PCM</b> (CBSE)<br>D.A.V. Sr. Sec. School, Delhi                        | 2017-2019<br><b>81%</b>     |
| <b>X</b> (CBSE)<br>C. D. International School, Haryana                                  | 2015-2017<br><b>7/10</b>    |

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## Work Experience:

- **Software Development Engineer I (SDE-I) at JKCS Software:** Working on scalable web applications and microservices using the MERN stack, focusing on front-end UX/UI enhancements and backend optimizations. **(November 2024 - Present)**
  - **Matrix Solver (C++):** CLI, Perform Matrix operations addition, subtraction, inner and outer product, component product, adjoint, inverse, and other calculations. | [Source Code](#)
  - **Hotel Management System (C++, MySQL):** CLI, perform various functions such as managing rooms, checking-in/out, searching customers, generating reports, and more.
  - **Quiz App (Java):** GUI, 2 Themes, MCQs with four options, At the end, it displays the result and calculates the percentage of correct answers. | [Source Code](#)
  - **Hand Tracking (ML\AI, Python):** OpenCV, NumPy, etc. enables real-time hand recognition for intuitive device control and interactive applications through webcam analysis. | [Source Code](#)
  - **Portfolio (Html, CSS, JS) :** Responsive design principles to ensure the website's compatibility across different devices, providing an optimal user experience & accessibility | [Web Page](#) | [Source Code](#)
  - **CREATIVE (MERN):** Developed a commercial website using the MERN stack, focusing on creating a responsive, user-friendly interface and ensuring seamless performance. | [Web Page](#) | [Source Code](#)
  - **letsDiscuss (MERN, Axios):** Built a real-time chat website using the MERN stack and Axios, enabling seamless communication with a responsive and interactive user interface. | [Source Code](#)
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## Technical Skills:

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|--|---|
| • Language: <b>C/C++, Java, JS, Python</b>     | • Object Oriented Programming ( <b>OOP</b> )        |
| • Web-Development with <b>React (MERN)</b>     | • Algorithm Analysis and Design ( <b>DSA</b> )      |
| • API Design using <b>express.js, Axios</b>    | • System Design & Project Development               |
| • Database Management System with <b>MySQL</b> | • <b>Exploring:</b> Machine Learning/AI with Python |
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## Leadership Experience:

- **Class Representative (CR):** Amity University - B-tech CSE (2020-24), April'21 - Present
- **Student Placement Coordinator:** Amity University - Placement Cell, July'22 - June'23
- **Master of Ceremony:** IBM Placement Series, Amity - Placement Cell, Sept'22 - Sept'22
- **Master of Ceremony:** Freshers 2022, Amity University, Nov'22 - Nov'22