

EDUCATION

<ul style="list-style-type: none"><li>Inderprastha Engineering College<ul style="list-style-type: none"><li>Computer Science Engineering; CGPA: <b>Aggregate- 8.55</b></li></ul></li><li>M.M. Public School<ul style="list-style-type: none"><li>12th; Percentage: <b>94.4%</b></li></ul></li></ul>	<div>Ghaziabad, Uttar Pradesh</div> <div>December 2020 – June 2024</div> <div>Pitampura, Delhi</div> <div>April 2019 – May 2020</div>
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SKILLS

- Problem Solving/Development: C++, Dart, Flutter, React, JavaScript, Python, SQL, HTML5, CSS3:
- Database: AWS, Firebase, MongoDB, MySQL, PostgreSQL:
- Others: Git, GitHub, Android Studio, Visual Studio, Microsoft Office Suite:

EXPERIENCE

<ul style="list-style-type: none"><li>C++ Developer Trainee: Presently working<ul style="list-style-type: none"><li>NEC Corporation India Pvt. Ltd.<ul style="list-style-type: none"><li>Worked on <b>Automatic Fingerprint Identification System (AFIS)</b> built in <b>C++</b> , <b>C#</b> and <b>Java</b> with <b>SQL</b>.</li><li>Streamlined the code base by refactoring legacy code, eliminating redundant functions, and optimizing database queries, resulting in a <b>30% improvement</b> in application performance and reduced page load times.</li><li>Tech Stack: <b>C++</b>, <b>C#</b>, <b>SQL</b></li></ul></li></ul></li><li>Technical Intern<ul style="list-style-type: none"><li>NIC, Ministry of Electronics &amp; Information Technology (MeitY, GoI)<ul style="list-style-type: none"><li>Researched and Developed a production ready <b>Mobile Application for Status Monitoring of Various Internship Programs</b> at MeitY.</li><li>The application can support <b>1,000+ users</b> at a given point of time.</li><li>Tech Stack: <b>Flutter</b>, <b>Dart</b>, <b>PostgreSQL</b>, <b>Git</b>, <b>GitHub</b></li></ul></li></ul></li><li>Frontend Developer Intern<ul style="list-style-type: none"><li>Simlock Communications<ul style="list-style-type: none"><li>E-Commerce Application: Developed a frontend base for the company’s mobile application with multiple screens and functionalities.</li><li>Tech Stack: <b>Flutter</b>, <b>Dart</b>, <b>Git</b>, <b>GitHub</b></li></ul></li></ul></li></ul>	<div>Hybrid</div> <div>June 2023 – Present</div> <div>Remote</div> <div>March 2023 – April 2023</div> <div>Remote</div> <div>September 2021 – December 2021</div>
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PROJECTS

- BrainBrawl || Flutter, Django-REST, SQLite || <https://brainbrawl-0001.web.app/>:
  - A **Web/Android/iOS Application** providing users with the experience of **1v1 real-time contesting**. Enabling universities and educational institutions to host knockout matches and competitions.
  - Achieved a remarkable latency of **<2ms**, ensuring seamless real-time interactions. Supports over **500 concurrent users** with a tolerance for a 40-second delay.
  - Bagged **3rd Position** among 125+ shortlisted teams at HackCBS6.0.
- UNI-ToG Application || Flutter, NodeJs, MongoDB || <https://github.com/karan-17/InnHackers>:
  - An **Android/iOS Application** for the Teens of God NGO mentioned in the problem statement at **Innerv Hacks** organized by IGDTUW, Delhi, on 1st October 2022.
  - Included functionalities such as Event planner for Mentors, Control Panel for Admins, Attendance Marking through QR, Chatbot using DialogFlowtter, printable ID Cards for students.
  - Bagged **2nd Position** among 40+ teams for the innovative application.
- E-Commerce Application UI (Mini Project)|| Flutter || <https://github.com/karan-17/mini-project>:
  - The project is a UI/UX design for E-commerce application.
  - Swift transitions and animations, responsive screens, dummy authentication are some features of the project.
  - The project is worth to be scaled and can be used with backend such as Firebase or MongoDB or PostgreSQL, with NodeJs or Django-REST as API.

ACHIEVEMENTS AND CERTIFICATIONS

- Certification** : AWS Certified Cloud Solutions Architect - Associate
- Certification** : Oracle Academy Database Foundations
- Certification** : IBM Skillsbuild: Statistics 101(ST0101EN)
- HackCBS6.0**: Bagged **3rd Position** in the hackathon among 125+ teams, organized by SSCBS, Delhi in November 2023.
- Innerv Hacks**: Bagged **2nd Position** in the hackathon among 40+ teams, organized by IGDTUW, Delhi in October 2022.

POSITION OF RESPONSIBILITIES

- President at CSI-Student Chapter IPEC || May’23 - Present**: Promoted to the position of President at CSI-Student Chapter IPEC, responsible for managing the Student Chapter.
- Vice Chairperson at GeeksforGeeks Student Chapter IPEC || June’22 - Jan’23**: Managed the chapter and the team along with the Chairperson.
- SIG Flutter Head at CSI-Student Chapter || September’21 - May’23**: Taught more than 50 students about the concepts related to Flutter Development and Version Controlling.