

Abhijeet Singh

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EDUCATION

- **Indian Institute of Information Technology Design and Manufacturing, Jabalpur**
Bachelor of Technology -Computer Science and Engineering CGPA: 8.9 Aug 2019 - May 2023

SKILLS SUMMARY

- **Languages:** C++, JAVA, Javascript, GraphQL, Python, PHP, SQL, Bash, PERL, MATLAB
- **Frameworks:** ReactJS, NodeJS, ExpressJS, Bootstrap, Spring Boot, LAMP, Neo4j, Docker
- **Tools:** MariaDB, MySQL, PostgreSQL, MongoDB, Firebase, GIT
- **Platforms:** Google Cloud Platform, Linux, AWS, GitLab
- **Soft Skills:** Leadership, Event Management, Public Speaking, Strategic Planning

EXPERIENCE

- **Associate Engineer - Mathworks Inc.** Bangalore
Internship & Full-Time Jan 2023 - Dec 2023
 - Optimized nightly backup for 100+ Servers, reducing the backup window to 35%
 - Optimized Code Coverage generation, reducing failures by 40% and enhancing overall efficiency
 - Developed Coach App empowering teams & managers in tracking coaching status & performance
 - Fixed over 20 bugs in Coach App, ensuring seamless functionality and enhancing user experience
 - Resolved critical MATLAB/Simulink issues for 40+ clients, enhancing satisfaction and reliability
 - Tech Stack: BASH, Python, MariaDB, MySQL, MERN, PERL, MATLAB, Jira
- **Software Developer Intern - Being Inc.** Remote
Internship Oct 2021 - Dec 2022
 - Delivered 50+ Cloud Functions & APIs for robust Android/iOS app functionality
 - Resolved 100+ crashes & bugs, significantly enhancing system stability & user experience
 - Programmed 2 web tools for the automation of manual processes, saving hours of manpower
 - Led 4 interns to develop web apps for user tracking & data insights, enhancing decision-making
 - Built and integrated a Neo4j Graph DB for AI-enhanced user activity analysis and tracking
 - Enhanced search capabilities with OpenAI vector embeddings, boosting user engagement by 40%
 - Technologies: MERN, Spring Boot, Firebase, Neo4j, Google Cloud, Docker, Javascript, Python

PERSONAL PROJECTS

- **GrainShield : Grain Moisture Detection** Aug 2022 - Dec 2022
IoT device for periodic moisture detection in heaps to prevent grain loss during storage
 - **Skills Learnt:** Designing Industry Standard Products
 - **Highlight:** The project is patented now
- **ShareHub** May 2021 - Jun 2021
A platform to share important files (pdf/ notes/ events /others) within community
 - **Github Repo:** <https://github.com/abhi178134/share-hub-1>
 - **Deployed Link:** <https://share-hub.netlify.app>
 - **Tech Stack:** ReactJS, Firebase, Bootstrap
- **Mailbuzz** Mar 2021
A web app that can be used to send recurring emails on intervals set by the user
 - **Github Repo:** <https://github.com/abhi178134/mailbuzz>
 - **Tech Stack:** MongoDB, ExpressJS, ReactJS, NodeJS
- **VFin** Oct 2020 - Dec 2020
A Vehicle Finance Management System.
 - **Github Repo:** <https://github.com/abhi178134/vfin>
 - **Tech Stack:** PHP, MySQL, HTML5, Bootstrap, CSS

HONORS AND AWARDS

- Ranked 215 among more than 3300 teams in Amazon ML Challenge August 2021
- Winner at Hackticks Hackathon March 2021

VOLUNTEER EXPERIENCE

- NSS Coordinator at NSS unit of IIITDMJ
- Techno-Cultural Design Fest Lead, INVICTA 2020
- Student Senate Member