

Ayush Singh

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SUMMARY

An analytical and results-driven software engineer with experience in application development, Java, Python, coding, web application design, and deployment. Proven aptitude for implementing innovative solutions to streamline processes and build softwares, enhance efficiency, improve customer satisfaction, and achieve financial savings with analytical understandings.

EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY, MADRAS, Chennai
B.S., Data Science, 2021-2025
Online Degree Program

UNIVERSITY OF LUCKNOW, Lucknow
Bachelor's of Computer Applications
2022-2025

TECHNICAL SKILLS

JavaScript: ReactJS, Bootstrap, HTML/CSS, Vue.JS
Languages: Java, Python, C
Java: Spring, Maven, DSA
Databases: MySQL, Sqlite3, DB Browser, Postgresql
Build/Deploy: VS Code, Vercel, GitHub Pages, Heroku

Frameworks: Flask, React Native
Analytics : Data Analysis, Statistical Analysis
Visualization, Machine Learning
Infrastructure: Git & GitHub, Terminal
Bash, sed, awk scripting

EXPERIENCE

CODSOFT, Lucknow

Development Intern Jul-Aug 2024

- Developed and optimized C++ applications, enhancing code efficiency.
- Implemented best practices for version control, leading to a reduction of deployment errors by 30% and an improvement in development team collaboration by 40%.
- Collaborated with senior developers to implement industry best practices, utilized object-oriented principles in coding standards, leading to a 20% reduction in bugs found during testing phases. Gained Experience in OOPs.

Training and Placement Cell, UoL

Student Coordinator Oct 2022 - Jul-2024

- Managed all correspondence between students, companies, and placement cell, streamlining the placement process.
- Collaborated with the placement team to find possible recruiters and build contacts with industry people.
- Planned and managed a series of career development events targeting specific industries, leading to a 15% increase in student job placements.

SOFTWARE ENGINEERING PROJECTS

Portfolio Website • [React.JS](#) • [Code](#) • [App](#)

My personal portfolio featuring my technical skills & resume. It has a Multi-Page layout, Styled with React-Bootstrap and CSS, easy to customize colors.

- Fully responsive. Techstack: ReactJS, NodeJS, ExpressJS, CSS3, VSCode, Vercel, GitHub Pages.

I.E.S.C.P. • [Python-Flask](#) • [Code](#)

Influencer Engagement and Sponsorship Coordination Platform Project

- Platform to connect Sponsors and Influencers so that sponsors can get their product/service advertised and influencers can get monetary benefit.
- Flask for application code, Jinjaz templates + Bootstrap for HTML generation and styling, SQLite for data storage.

100 Days JavaScript Frontend Projects • [Code](#)

Completed the 100 Days JavaScript Challenge, developing responsive projects and frontends.

- Snake game, Block Evading Game, Flappy Bird game, etc

Music Streaming Website • [Python- Flask](#) • [Code](#)

An online music streaming app to listen free music, consisting of all major functionalities, from dashboards to profile management..

- Flask for application code, Jinjaz templates + Bootstrap for HTML and Styling, SQLite for DB, Basic CSS, Flask Restful.
- Flask-restful API and werkzeug for security. Admin/User Dashboard, Playlist management, Search Functionality.

CERTIFICATIONS

- META** Frontend Development on Coursera [\[Link\]](#)
- HackerRank**- Advanced SQL Challenge, Java, Python, CSS [\[Link\]](#)
- Flipkart** Grid 6.0 Participation Certificate [\[Link\]](#)

HOBBIES & INTERESTS: Basketball, listening to music, Exploring new places.