Akash J

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PROFILE

Aspiring Software developer, As a tech enthusiastic, I thrive on solving challenges with creativity and expertise in web development and Java. I'm passionate about Web Development, delivering impactful solutions and driving results.

EDUCATION

Global Academy of Technology, B.E in ISE   *Bangalore, India*
CGPA-8.83   *Dec 2022 – July 2026*

SKILLS

Technical: Java, Python, SQL, HTML, CSS, JavaScript, React.js

Tools: Tableau, Power BI, Excel, GitHub, VS Code

Soft Skills : Problem solving, Analytical Skills, Communication Skills

CERTIFICATIONS

- TechA Web Development using HTML and CSS Foundation Certification– Mar 2024 *(LINK)*
- Java Programming Completion Certificate – Jan 2025 *(LINK)*
- *Inceptric Hackathon – May 2025(LINK)*

EXPERIENCE

Inceptrix Hackathon 2025 [Jain University, Bengaluru]   May, 2025
Frontend Developer

- Participated in the **Inceptrix Hackathon**, working on a project titled Farm Connect during an intensive 24-hour on-campus hackathon.
- Focused on developing a responsive and user-friendly frontend using **React.js**, enabling farmers to input key data and receive real-time recommendations on crop requirements, fertilizer quantities, and irrigation needs.
- Collaborated in person with teammates who implemented the backend services, ensuring seamless integration between frontend interfaces and server-side logic.
- Our team's project was shortlisted in the top 100 out of 500 project ideas, demonstrating innovation, technical skills, and effective teamwork in a high-pressure, collaborative environment.

PROJECTS

Health Care Management System | LINK

- **Developed a full-stack Java Swing desktop application** to manage hospital operations—patients, doctors, appointments, and billing—using JDBC and **MySQL**, improving workflow automation and eliminating manual processes.
- **Designed and implemented normalized MySQL database schema** with foreign key constraints across 4 interrelated tables, ensuring referential integrity and optimizing query performance.
- **Enhanced user efficiency by 40%** by integrating auto-refreshing JTable views in all modules, allowing real-time updates without restarting the application.
- **Implemented secure database operations using JDBC with prepared statements**, preventing SQL injection and ensuring reliable CRUD functionality across all modules.

Netflix Clone | LINK

- Developed a responsive Netflix clone using **HTML and CSS** to replicate the UI of the popular streaming platform. Implemented flexbox and grid layouts to ensure responsiveness across different screen sizes. Used CSS animations and hover effects to enhance UI interactivity.
- Ensured a mobile-friendly design with proper **media queries** for optimal viewing on all devices.