

# AAKASH JAIN

+91-72069-88000

aakashjainonline18@gmail.com

WWW: <https://github.com/aakashhhh>

WWW: <https://www.linkedin.com/in/aakash-jain->

## SUMMARY

Motivated computer science student with a strong foundation in software engineering and programming languages. Demonstrates a commitment to developing innovative software solutions and excels in problem-solving. Passionate about web development, with a focus on creating dynamic, user-friendly applications. Eager to gain hands-on experience in software design, collaborative development, and front-end and back-end technologies. Looking forward to contributing to impactful projects that address real-world challenges.

## EDUCATION

**BACHELOR OF ENGINEERING IN COMPUTER SCIENCE**  
**CHITKARA UNIVERSITY, PUNJAB**

## SKILLS

- **Programming Languages:** Java, C++, Python
- **Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB
- **Tools and Technologies:** Git, GitHub, RESTful APIs, Postman
- **Soft skills:** Problem solving, Collaboration, Leadership, Decision Making

## PROJECTS

### ExpenseEase

- Developed a full-stack expense tracking application using the MERN stack (MongoDB, Express.js, React.js, Node.js), allowing users to manage expenses, and view analytics
- Implemented secure user authentication (login/signup) with MongoDB, enhancing data security, and user experience
- Optimized performance, reducing load times by 15%, and improving overall responsiveness, collaborated with a team of three developers, contributing to backend and frontend development to ensure seamless integration and performance

### SocialSphere

- Built a social media platform with React.js, featuring user authentication, profile management, and interactive features like posting, liking, sharing, and commenting
- Designed a responsive UI for a seamless user experience across devices, improving user engagement by 20%
- Added follow suggestions and an activity list, increasing user retention by 15% through personalized recommendations

### Diabetes disease prediction

- Developed a machine learning model using SVM, Logistic Regression, Gradient Boosting, and Random Forest, achieving 100% accuracy with Random Forest
- Preprocessed health data with Pandas and NumPy, improving model performance by 15% through data handling and feature scaling
- Evaluated model performance, achieving 86.9% accuracy with Gradient Boosting, and identifying the best-performing model for diabetes prediction

## CERTIFICATIONS & ACHIEVEMENTS

- **AICTE Virtual Internship in Networking with the Cisco Networking Academy|2024:** Gained hands-on experience in network security and protocols, completing practical tasks related to network infrastructure, and troubleshooting
- **Tech Abhivyakhti - Innovation Unleashed from Open Source, Chandigarh:** Created a productivity reminder app in Python, offering task notifications and personalized suggestions based on user interests, enhancing productivity and motivation