AAKASH **JAIN**

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Summary

Results-driven **Computer Science student** with expertise in **Backend Engineering, Cloud Computing, and API Integrations**. Proficient in **JavaScript, Node.js, Python, and RESTful APIs**, with hands-on experience in **deploying cloud solutions on AWS**. Skilled in **building and optimizing scalable applications, designing microservices, and integrating third-party APIs**. Strong **problem-solving abilities**, with a focus on **system optimization, automation, and performance enhancement**. Passionate about leveraging **AI tools, cloud technologies, and data analysis** to drive innovative solutions. Seeking opportunities to contribute technical expertise in **software development, cloud infrastructure, and enterprise integrations**.

Education

Bachelor of Engineering in Computer Science
CHITKARA UNIVERSITY   PUNJAB

Skills

- **Front-end Development and UI Design:** React.js, HTML, CSS, Tailwind CSS, Bootstrap
- **Backend Development and Programming Languages:** Node.js, Express.js, JavaScript (ES6+), Python, and Java
- **API Integration & Cloud Computing:** RESTful APIs, GraphQL, AWS (EC2, S3, Lambda, RDS), Axios, Postman

- **Version Control & Software Tools:** Git, GitHub, Postman, Figma, VS Code
- **Cloud and Deployment:** AWS (Cloud Deployments and Serverless Computing), Vercel, Netlify, Firebase (Firestore, Authentication)
- **Soft Skills:** Problem-solving, Teamwork, Adaptability, Communication, Critical Thinking

Projects

ExpensEase
- Developed a **full-stack expense tracking application** using the **MERN stack** (MongoDB, Express.js, React.js, Node.js).
- **Optimized backend performance**, reducing load times by 15%, and implemented **secure user authentication** for enhanced reliability.

SocialSphere
- Built a **scalable social media** platform with React.js and Node.js, featuring **user authentication** and interactive features like **posting**, **liking**, and **commenting**.
- Designed a **responsive user interface**, increasing **engagement** by 20%, ensuring seamless **cross-device compatibility**.

LyricsGo
- Created a song **lyrics search platform** using JavaScript, allowing users to **search by artist** or **title** and save **favorites** for quick access.
- Designed a **responsive interface** and **deployed** the application on **Vercel**, ensuring **optimal performance** and **accessibility**

Certifications & Achievements

- **AICTE Virtual Internship - Cisco Networking Academy (2024)**: Hands-on experience in Cybersecurity, Network Security, and System Testing.
- **SQL & Database Management - HackerRank Certified**: Proficiency in **SQL queries, MySQL** database management.
- **CodeKaze24 - Coding Ninjas**: Participated in **competitive coding challenges** focused on **DSA, Graphs, and Dynamic Programming**.