

# Sarvesh Kashyap

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## EDUCATION

Visvesvaraya Technological University, Belagavi

July 2019 – June 2023

Bachelor of Engineering in Computer Science | CGPA: 8.89

## TECHNICAL SKILLS

<b>Languages:</b>	JavaScript, TypeScript, Python, SQL
<b>Frontend:</b>	React, Next.js, HTML, CSS, Tailwind CSS, Redux Toolkit, Zustand, React Query
<b>Backend:</b>	Node.js, Express.js, REST APIs, Microservices, JWT & OAuth, WebSocket's, AWS Lambda
<b>Databases &amp; ORM:</b>	PostgreSQL, MySQL, MongoDB, Prisma ORM, Redis
<b>Testing:</b>	Jest, Postman (API Testing), Chrome DevTools, Lighthouse
<b>DevOps / Cloud:</b>	Docker, Kubernetes, Git, Azure, Nginx, CI/CD Pipelines, GitHub
<b>Certifications:</b>	<a href="#">Introduction to DevOps by IBM</a> , <a href="#">Data Visualisation</a>

## WORK EXPERIENCE

Associate Software Engineer | SLK Software

October 2023 – Present

- Engineered a scalable AI-driven AutoML web app using React, Next.js, Node.js, Python and PostgreSQL, enabling dataset imports, feature engineering, model tuning, and cloud/on-prem deployment for data scientists and ML engineers.
- Modularized 50+ reusable components with Redux Toolkit & Zustand, reducing code duplication by 30% and boosting rendering speed via memoization and lazy loading.
- Spearheaded microservices backend with REST APIs, AWS Lambda, role-based access, Redis, and WebSockets, improving API throughput by 87% and enabling real-time training updates.
- Designed interactive dashboards using Nivo, Material UI, Shadcn, Chart.js, and React Flow, improving visualization rendering time by 88% and enhancing ML diagnostic workflows.
- Automated model pipeline testing with Jest and Lighthouse, increasing release reliability by 30% and reducing deployment cycles by 40% through Azure, Docker and CI/CD integration.
- Collaborated across 5+ Agile sprints with ML, DevOps & Product teams, improving delivery speed by 25% through structured code reviews and requirement clarity.

Full Stack Web Developer Intern | Compssoft Technologies

August 2022 – October 2022

- Built a Resume Template Builder Web App using React, Node.js, and MySQL, improving resume generation speed and UI responsiveness by 40%.
- Created modular REST APIs for authentication and template management, reducing latency by 35% and improving server-side efficiency.
- Delivered and deployed a responsive UI across 20+ layouts, improving cross-device rendering performance by 35%.

## PROJECTS

Testmystack | [LINK](#)

September 2025 - October 2025

- Engineered a scalable full-stack quiz platform using Next.js, TypeScript, and MongoDB, powered by modular REST APIs, SWR for state synchronization, and Redis caching, improving response time by 55% under heavy load.
- Crafted and styled 10+ reusable UI components with Tailwind CSS and Shadcn, enhancing development efficiency by 30% and boosting engagement across screen sizes.
- Integrated Auth.js and JWT-based role access, strengthening security by 40%, and developed real-time analytics dashboards that improved user insights visibility by 50%.

Ai Summary Analyzer | [LINK](#)

October 2025 - November 2025

- Architected an AI-powered summarization system using Next.js, Node.js, LangChain, and OpenAI LLMs, enabling real-time document parsing and smart summary generation, cutting manual review time by 60%.
- Optimized semantic search with pgvector embeddings and BullMQ job queues, achieving 68% higher accuracy, 55% faster response times, and scalable Dockerized microservices for document parsing and cloud deployment.

SecureFlow | [LINK](#)

May 2025 – July 2025

- Orchestrated a plug-and-play authentication system using the MERN stack (React, Node.js, Express, MongoDB), supporting signup, login, logout, and password reset workflows.
- Implemented JWT-based authentication and token recovery through Express middleware, improving data security and reducing unauthorized access by 45%.
- Streamlined integration for new projects, cutting authentication setup time by 70% for full-stack and SaaS applications.

## LEADERSHIP AND ACHIEVEMENTS

- Acknowledged with the "Best Recruit Award" by SLK Software for early contributions to key projects, quickly becoming a trusted resource and mentor to 3 new junior team members. [VIEW](#)
- Recognized with the "Innovation Award" by SLK Software for AI-MCP automation enhancing efficiency and user experience. [VIEW](#)