

DHEERAJ KUMAWAT

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Summary

Computer Science graduate and full-stack developer with experience in React, Node.js, Python, and AWS, delivering scalable systems that reduced costs by 60% and increased user engagement by 15%..

Education

Swami Keshvanand Institute of Technology, Jaipur

Aug 2021 – May 2025

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.40/10.0

- **Relevant Coursework:** Data Structures Algorithms, Operating Systems, DBMS, Computer Networks, Software Engineering, OOP.

Technical Skills

Languages: Python, C++, JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL

Frameworks: React.js, Next.js, Node.js, Express.js, Tailwind CSS, Flask

Cloud Tools: AWS (Lambda, S3, DynamoDB), GCP (BigQuery, Cloud Functions), Firebase, Docker, Git, GitHub, MongoDB, Postman, Figma

Core Concepts: Distributed Systems, System Design, Scalability, REST APIs, CI/CD, Agile Development, Microservices Architecture, OOP, DSA

Experience

KaizenRise Technologies Private Limited

Apr 2025 – Jul 2025

Associate Software Engineer

On-site

- Engineered progressive web app features with service workers and offline caching, improving network resilience and boosting engagement by 30%.
- Integrated real-time push notifications with Firebase Cloud Messaging, increasing daily active users by 15%.
- Designed and optimized RESTful APIs and scalable backend services, enabling a 20% faster release cycle in Agile sprints.
- Improved application scalability and high availability by implementing distributed caching and fault-tolerant APIs.

CodeUp

Oct 2024 – Mar 2025

Associate Software Engineer Intern

On-site

- Developed 25+ reusable React/Next.js components, standardizing UI across projects and reducing frontend dev time by 40%.
- Built and deployed scalable REST APIs with Node.js/Express, handling 10,000+ daily requests with 99.9% uptime.
- Automated image processing pipelines using AWS Lambda microservices, reducing infrastructure costs by 60%.
- Collaborated with cross-functional Agile teams, performing peer code reviews and ensuring code quality compliance.

Projects

Image Analyzer – AI-Powered Feedback Tool

Tech Stack: Python, OpenAI API, Flask, React, Node.js, AWS Lambda

- Designed an AI-powered microservice on AWS Lambda, achieving <300ms API response time and 500+ daily calls.
- Built an interactive React frontend, increasing average session duration by 25%.
- Ensured 99% uptime through distributed serverless deployment with fault tolerance.

HeyFit – Fitness Community Platform

Tech Stack: React, Node.js, Express.js, MongoDB, REST APIs

- Built a full-stack social platform that grew to 100+ active users in 3 weeks.
- Implemented 15+ secure REST API endpoints with JWT-based authentication, eliminating all session vulnerabilities.
- Optimized queries and caching for scalability, supporting 1,000+ concurrent users.

InkWell – Full-Stack Blogging Platform

Tech Stack: React, Appwrite, JavaScript, Tailwind CSS

- Built a secure blogging platform with Appwrite, reducing backend setup time by 50%.
- Empowered users to create 200+ blog posts in the first month.
- Optimized frontend performance to 95+ Lighthouse score, improving SEO and accessibility.
- Delivered a mobile-first responsive UI, ensuring smooth performance across devices.

Achievements Certifications

Oracle Certified Foundations Associate (2025): Proficiency in cloud infrastructure, security, IAM, compute, networking.

Smart India Hackathon (2023): Achieved 2nd rank in university prelims by prototyping a national-level scalable software solution.