

# ASHISH KUMAR NANDA

Software Engineer — Web Developer

(+91) 9279741216 - ashk1911.n@gmail.com - linkedin.com/in/ashishnanda19 - github.com/ashishnanda19 - ashish-nanda.vercel.app - Jaipur, India

## Work Experience

### Hewlett Packard Enterprise

Jul 2025 - Aug 2025

*Software Engineering Job Simulation*

*Remote*

- Wrote a proposal for a RESTful web service to manage a list of employees.
- Built a web server application that can accept and respond to HTTP requests as well as support uploading JSON data.
- Developed and ran a set of unit tests to assess my web application performance.

## Education

### Manipal University Jaipur

Expected July 2027

*B.Tech in Computer Science & Engineering(IoT & IS)*

*CGPA: 9.18/10*

- **Relevant Coursework:** Object Oriented Programming, Data Structures & Algorithms, Database Systems, Design & Analysis of Algorithms, Computer Networks, Operating Systems, Software Engineering, Computer Vision, Deep Learning

## Projects

### Vercel Clone (v2.0)

*System Design, AWS ECS/ECR, Docker, Redis, Node.js, Nginx, S3*

- Engineered a deployment platform replicating Vercel's workflow by integrating GitHub repositories with automated Docker-based build servers, storing static outputs in AWS S3, and serving via a reverse proxy.
- Implemented a real-time deployment pipeline with WebSockets and Redis for build status updates, leveraging AWS ECS for container orchestration and scalability.

### IntelliCV

*React, TypeScript, Vite, Tailwind CSS, React Router, Puter.js, Zustand*

- An AI-powered resume analysis platform providing ATS scoring and actionable feedback, improving resume match rates by up to 35% in user testing.
- Implemented secure, instant client-side authentication and storage using Puter.js, eliminating backend infrastructure and reducing deployment complexity by 40%.

### University Management System

*PHP, MySQL, HTML, CSS, JavaScript*

- Developed a three-panel (Admin, Faculty, Student) university management platform, enabling centralized control of academic records and reducing administrative workload by 50%.
- Implemented automated SGPA/CGPA calculation and real-time result publishing, improving processing speed by 60% and reducing support queries by 75%.

## Technical Skills

**Programming Languages:** C, C++, Java, Python, SQL

**Frontend:** HTML5, CSS3, Tailwind CSS, Javascript, ReactJS

**Backend:** NodeJS, ExpressJS, MongoDB, MySQL, Redis

**Cloud & DevOps:** AWS, Docker

**Tools:** Git, GitHub, VSCode, Vercel, Postman, REST APIs, MySQL Workbench

## Leadership/Achievements

- Qualified for Round 2 in MUJHackX Hackathon among 1300+ participants at MUJ
- Solved 250+ DSA questions across coding platforms like LeetCode and GeeksforGeeks.
- Awarded Dean's List of Excellence for 3X semesters.
- Achieved 1st & 2nd positions in the Model Exhibition event at National Creativity Olympiad for two consecutive years.

## Certifications

- **CCNA: Introduction to Networks – Cisco:** Gained knowledge of networking concepts, protocols, and architectures.
- **React Basics – Meta:** Learned fundamentals of React, components, and state management.
- **Introduction to Machine Learning – Duke University:** Covered ML algorithms, model training, and evaluation.
- **Fundamentals of Network Communication – University of Colorado System:** Studied principles of data transmission, protocols, and network layers.