Atharva Shelar

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PROFESSIONAL EXPERIENCE

Experienced in full-stack and cloud-based application development using React, Node.js, MongoDB, and AWS. Interned at Flare Global Soft, contributing to a role-based ERP System, including user profile and attendance modules. Built several cloud-integrated projects like video streaming, OCR document scanner, and weather forecast apps using Firebase, AWS S3, and Google Cloud Vision API. Skilled in responsive UI design with Tailwind CSS and interactive components using React Hooks. Developed academic simulators in C for memory and library management, applying DSA and OS concepts. Strong grasp of API integration, serverless architecture, and Git-based collaboration.

WORK EXPERIENCE

Full Stack Developer Internship

Flare Global Soft – *Remote | March 2025 – June 2025*

- Developed modules for a **Role-Based ERP System** using **React (Vite)**, **Tailwind CSS**, and **Node.js**.
- Implemented **User Profile** and **Attendance Tracking** features with responsive layouts and clean UI design.
- Built dynamic components like **Sidebar**, **Navbar**, and **Dashboard** views for **User**, **Manager**, and **Admin** roles.
- Secured the frontend using **JWT-based authentication** and **protected routing**.
- Collaborated in an Agile environment using **GitHub** and tested backend APIs with **Postman**.

Cloud Computing Internship

DigiiFarm Technologies – *Remote | July 2025 – November2025*

- Developed modules for a **Role-Based ERP System** using **React (Vite)**, **Tailwind CSS**, and **Node.js**
- Gained hands-on exposure to **Cloud Computing concepts and architecture**
- Learned fundamentals of **cloud services (IaaS, PaaS, SaaS)**
- Worked with **cloud storage and deployment basics**
- Understood **application hosting and scalability** in cloud environments
- Assisted in cloud-based project setup and environment configuration
- Learned about **security, authentication, and access control** in cloud platforms

Cloud Projects Developer (Remote – Self-Led Projects)

Personal Projects | Jan 2025 – Apr 2025

- Created a **Cloud Video Streaming Platform** using **AWS S3**, **CloudFront**, and **Node.js**, enabling multi-resolution playback.
- Built a **Document Scanner with OCR** using **Google Cloud Vision API**, **Firebase**, and **React**, extracting text from images and storing data in the cloud.
- Developed a **Weather Forecast App** using **OpenWeatherMap API** and **Firebase Cloud Functions**, with search functionality and auto email updates.
- Gained hands-on experience in **serverless architecture**, **CDN integration**, and cloud-native application deployment.

Web Developer – Freelance Project

Techno Lap Website – *2025*

- Designed and developed a fully responsive, modern website for **Techno Lap**, a tech brand/store.
- Built the frontend using **HTML**, **CSS**, **JavaScript**, and **Bootstrap** for sleek design and performance.
- Integrated sections like product showcase, contact form, and service highlights.
- Ensured cross-device compatibility, SEO optimization, and fast load times.
- Delivered the project end-to-end, including domain setup, hosting, and post-launch support.

EDUCATION

Uka Tarsadia University (Bardoli)

Btech-Cse in Computer Engineering — 2023 – 2027 (Expected)

- Current CGPA / Percentage: **[e.g., 8.61 CGPA]**
- Key Subjects: Data Structures, Operating Systems, Web Development, Computer Networks
- Achievements:
  - Selected as Full developer intern at **Flare Global Soft**
  - Built ERP system as a capstone project using **React, Node.js, MongoDB**
  - Created cloud-based apps and deployed live projects using **AWS** and **Firebase**

SSC – 10th Grade

Presidency School(GSEB)

Year of Passing: 2020

- Percentage: **80.60%**
- Achievements:
  - School Topper in Science and Maths
  - Won 1st Prize in Inter-School Science Exhibitio

🏫 **HSC – 12th Grade**

Presidency School (GSEB)

Year of Passing: 2023

- Percentage: **[65%]**
- Achievements:
  - Completed personal projects in programming and web development
  - Scored highest in Computer Science in class

KEY SKILLS

- Cloud computing
- Proficient in c, Java, and Python
- Knowledge of Linux fundamentals
- Leadership skills
- Frontend Development
- Backend & APIs
- Cloud & DevOps
- Programming & Core CS
- Tools & Collaboration
- Soft Skills
- Mobile Application Devlopment

HOBBIES & INTERESTS

- Listening Music
- Learning More About cloud
- More tech field
- Video game
- Photography
- Board and role-playing games
- Watching Movies and Web series

ACADEMIC & PERSONAL PROJECTS

ERP System for IT Company
Tech Stack: React (Vite), Node.js, Express.js, MongoDB, JWT
Role: Full-Stack Developer

- Designed and developed a **full-stack ERP system** for an IT organization
- Implemented **role-based access control** for Admin, Manager, and User dashboards
- Developed **secure authentication and authorization** using JWT
- Built **User Profile Management** with view and update functionality
- Implemented **Attendance Management** with Clock-In and Clock-Out features
- Created RESTful APIs using **Node.js and Express.js**
- Designed MongoDB schemas for users and attendance records
- Built responsive and reusable UI components using **React (Vite)**
- Tested APIs using **Postman** and followed GitHub version control practices

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Cloud-Based Image Gallery Application
Tech Stack: React, Node.js, AWS S3

- Developed a cloud-based image gallery similar to mobile photo gallery applications
- Implemented **image upload, storage, and retrieval** using **AWS S3**
- Designed a responsive and visually appealing **gallery-style UI**
- Added image preview and filtering functionality
- Focused on **performance optimization** and efficient cloud storage usage
- Learned cloud storage security and access control basics

OCR-Based Cloud Document Scanner
Tech Stack: React, Firebase, Google Cloud Vision API

- Built a document scanning system using **Optical Character Recognition (OCR)**
- Integrated **Google Cloud Vision API** to extract text from uploaded images
- Stored scanned documents and extracted data securely in **Firebase**
- Implemented real-time data handling and cloud integration
- Designed a clean and user-friendly frontend using React
- Gained practical experience in **cloud APIs and document processing systems**

Memory Allocation Simulator
Tech Stack: C, Data Structures, Operating Systems

- Designed and implemented a simulator for OS memory allocation techniques
- Implemented **First Fit, Best Fit, and Worst Fit** allocation algorithms
- Used **linked lists** to manage memory blocks dynamically
- Simulated real-time memory allocation and deallocation
- Strengthened understanding of **Operating System concepts and DSA**

Library Management System
Tech Stack: C, PHP, MySQL, HTML, CSS, JavaScript

- Developed a complete library management solution
- Implemented features to **add, delete, search, issue, and return books**
- Applied **Data Structures** such as linked lists, stacks, and sorting algorithms
- Integrated **MySQL database** for persistent data storage
- Built a web interface to display and manage library records
- Improved efficiency and usability of library operations

Serverless Blog Website
Tech Stack: AWS Lambda, DynamoDB, API Gateway, S3, React

- Developed a serverless blog platform using AWS services
- Implemented **CRUD operations** for blog posts
- Used **AWS Lambda** for backend logic and **DynamoDB** for data storage
- Hosted frontend using **AWS S3**
- Learned serverless architecture and cloud-based deployment

Cloud Video Streaming Platform
Tech Stack: AWS S3, CloudFront, Node.js, React

- Built a cloud-based video streaming application
- Implemented **video upload and cloud storage** using AWS S3
- Used **CloudFront CDN** for efficient content delivery
- Designed frontend UI for video browsing and playback
- Learned basics of **media streaming and CDN integration**

Weather Forecast Application
Tech Stack: React, Firebase Functions, OpenWeatherMap API

- Developed a real-time weather forecasting application
- Integrated **OpenWeatherMap API** to fetch live weather data
- Implemented email notification functionality
- Designed a responsive and user-friendly interface
- Gained experience in API integration and cloud functions

Student Record Management System
Tech Stack: C, Linked Lists, File Handling

- Developed a console-based system to manage student records
- Implemented **add, update, delete, and search** functionalities
- Used linked lists for efficient data management
- Applied file handling for persistent storage