

SACHIN YADAV

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PROFESSIONAL SUMMARY

Full Stack Software Engineer and engineering student at the University of Mumbai, with production experience building scalable web applications using MERN stack, RESTful APIs, and cloud infrastructure. Hands-on experience delivering real-world applications for clients, college administration, and internal use. Built scalable web platforms using MERN stack, Python-based system tools, and Java applications. Strong foundation in Data Structures & Algorithms, Linux, networking, databases, and clean software design.

TECHNICAL SKILLS

- **Programming Languages** : C++, Java, Python, JavaScript, HTML, CSS
- **Frontend**: React.js, Next.js, Tailwind CSS, TypeScript
- **Backend**: Node.js, Express.js, FastAPI, REST APIs
- **Databases**: MongoDB, MySQL
- **Core CS**: Data Structures & Algorithms, OOP, DBMS, Networking, Linux
- **Tools & Platforms**: Git, GitHub, GitHub Actions, Docker, Cloudinary, Google Auth, Payment Gateway, AWS, Postman
- **Testing**: Unit Testing, Integration Testing, REST API Testing (Postman)

WORK EXPERIENCE

Full Stack Developer (Project Lead) – Onlinedox [🔗](#)

Jan 2025 - Jul 2025 | Remote

HTML, CSS, JS, React.js, Node.js, MongoDB, REST APIs, Razorpay

- Led development of a secure tax filing platform with **document upload**, automated calculations, and **Razorpay integration**
- Built admin CRM to manage **100+ users**, filings, and financial data using **JWT authentication and Google Auth**
- Integrated Cloudinary for scalable storage, handling **500+** documents with reliable performance
- Deployed and maintained production system using CI/CD pipelines, reducing manual tax processing by **40%** and improving release reliability
- Designed scalable microservices-style backend APIs for concurrent financial transactions, applying system design principles to ensure stable multi-user performance
- Led cross-functional team using Agile/Scrum methodology with CI/CD workflows via GitHub Actions.

Full Stack Developer – GoFamilyConnect [🔗](#)

Jul 2025 - Jan 2026 | Remote

React.js, Node.js, MongoDB, Heroku, Cloudinary

- Developed a B2B export-import platform with role-based access, order management, and admin analytics dashboard
- Designed backend APIs to process and manage 1000+ trade records efficiently with structured data handling
- Integrated Cloudinary for media storage, enabling reliable handling of 300+ files and assets
- Deployed scalable backend on Heroku, ensuring consistent performance and global accessibility
- Implemented data preprocessing pipelines to clean and structure trade data for improved usability and future analytics

PROJECTS

Student Portal | Live College System [🔗](#)



Next.js, Node.js, Express.js, MongoDB

- Built centralized student management system used by 1000+ students and faculty
- Replaced Excel-based workflows, reducing manual data handling by 50%
- Designed scalable backend for managing academic records, achievements, and announcements with role-based access
- Developed and unit tested REST APIs for efficient data retrieval and real-time updates, supporting 1000+ concurrent users
- Wrote unit and integration tests to validate API endpoints and data pipelines, ensuring code quality across the platform

Notex | Shareable Notes App [🔗](#)

React.js, Redux, Node.js, MongoDB, Authentication, Tailwind CSS



- Built full-stack notes application with JWT-based authentication and secure user access
- Implemented public, private, and unlisted sharing with Redux-based state management for scalable data flow
- Designed REST APIs for efficient CRUD operations and reliable data persistence

Phone Bridge | Python Networking Project [🔗](#)

Python, Networking, Tailscale, mDNS, C++, MTP/ADB Protocol



- Engineered tool to mount Android storage as native disk drives (D:, E:) on Windows/Linux for seamless file access
- Implemented MTP/ADB protocol bridge in Python to enable direct device communication without third-party tools
- Enabled network-based device discovery and connectivity using Tailscale and mDNS
- Optimizing system performance by porting core modules to C++ for improved speed and efficiency

Virtual Banking System [🔗](#)

Java, Swing, MySQL



- Built a desktop banking app with account creation, deposits, withdrawals, and balance inquiry – GUI built with Java Swing
- Implemented persistent data storage with MySQL for transaction history and user account management
- Applied OOP principles – encapsulation, inheritance, and abstraction for modular banking logic and clean architecture

ACHIEVEMENTS

- **Solved 75+ Questions on [LeetCode](#)**
- **Track Prize Winner** – Inerve X (Auth0) among 200+ teams for secure AI automation platform
- **Winner** – FieldBuddy (College Project Competition) for AI-based smart farming system
- **Finalist** – Autonomous Hacks 2026 (AI sales & lead automation system)
- **Finalist** – Incuverse, K.J. Somaiya (ML pipeline with synthetic data & fine-tuning)

CERTIFICATIONS

- **Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate** – Oracle
- **Linux** – Infosys Springboard
- **Advanced C Programming** – Microchip University
- **Networking** - [Cisco Networking Academy](#) [🔗](#)

EDUCATION

- B.E. Electronics & Telecommunication Engineering
- University of Mumbai (KC College) | 2023 – 2027 (Expected) | CGPA: 8.56