

GYANENDRA YADAV

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SUMMARY OF QUALIFICATIONS

Full Stack Developer with expertise in architecting and deploying scalable, enterprise-grade web applications. Proven success in optimizing performance and efficiency while concurrently completing a Bachelor's degree. Key achievements include:

- Reduced cloud provisioning time by 61% through infrastructure automation.
- Enhanced workflow processing speed by 65% for a core management system.

TECHNICAL PROFICIENCIES

- **Frontend Development:** Expertise in React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, and CSS3. Proficient with frameworks and libraries including Tailwind CSS, MUI, Redux, React Query, and Zustand.
- **Backend Development:** Advanced capabilities in Node.js, utilizing Express for RESTful API construction and JWT for secure authentication. Possesses working knowledge of Java, including the Spring Boot and Hibernate frameworks.
- **Database Management:** Skilled in the administration and querying of MongoDB, PostgreSQL, and MySQL database systems.
- **DevOps & Cloud Infrastructure:** Extensive experience with Amazon Web Services (EC2, S3), containerization with Docker, Infrastructure as Code with Terraform, and web server configuration with NGINX. Proficient in version control with Git/GitHub and CI/CD pipeline implementation via Vercel.
- **Fundamental Concepts:** A comprehensive understanding of Data Structures & Algorithms, Object-Oriented Programming (OOP), and advanced principles of System Design and Software Architecture.
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PROFESSIONAL EXPERIENCE

Software Engineer | STARTUPWAY24 IT SERVICES PVT. LTD. | Delhi | January 2023 – Present

- Led the development of [Comprig](#), a cloud virtualization platform. Orchestrated the automation of the virtual machine lifecycle (provisioning, management, termination) utilizing Terraform and AWS, an optimization that yielded a 61% improvement in process velocity.
- Tasked with the architectural design of the Node.js backend and the subsequent implementation of the user dashboard utilizing React and Tailwind. The system was engineered for high availability and scalability to support a concurrent user base exceeding 10,000.
- Successfully executed the end-to-end development and deployment of [Digital Work](#), a secure, multi-tenant system for Aadhaar update management, featuring segregated, role-based dashboards for administrators and retail partners.
- Engineered a high-performance, secure workflow by integrating biometric fingerprint scanning via the Mantra SDK with a token-based processing system, which resulted in a 65% acceleration of form validation and user verification procedures.
- Integrated browser-native VM access using Apache Guacamole and Wetty to provide seamless remote GUI and CLI capabilities.
- Oversaw the continuous optimization of backend services hosted on AWS, which involved meticulous configuration of EC2, S3, and NGINX components to achieve 99.8% service uptime and a 60% reduction in API response latency.
- Additional responsibilities included the development of critical platform functionalities such as a real-time, usage-based billing engine, a JWT-based authentication module, and a comprehensive Role-Based Access Control (RBAC) system.

EDUCATION

Bachelor of Computer Applications (BCA) | Indira Gandhi National Open University (IGNOU), New Delhi
Graduated: June 2025