# Anchal Sharma

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## PROFILE

Full Stack Developer with 3+ years of experience in React, Next.js, Angular, Node.js, Express, and TypeORM (MySQL), skilled in microservices architecture, Flutter app development, and cloud deployments (AWS, GCP). Strong in CI/CD automation (GitHub Actions, Docker), database optimization, and secure application development using JWT, OAuth2, and RBAC, delivering scalable, business-driven solutions.

## SKILLS

**Frontend:**
HTML, CSS, JavaScript, React

**Backend:**
Node.js, Python, Java, Express

**Databases:**
MySQL, PL/SQL, MongoDB,

**DevOps & Tools:**
Git, Docker, Kubernetes, CI/CD Pipelines, GitHub

**Cloud Platforms:**
AWS, Azure, Google Cloud

**Collaboration & DevOps:**
Git, JIRA

**Security & Authentication:**
OAuth2, JWT, SSO, RBAC, API Security

**Architecture & Frameworks:**
Microservices, REST APIs, MVC, Event-Driven Architecture

**Operating Systems:**
Windows, Linux

## WORK EXPERIENCE

**Traveltical Inc.,** ON, Canada
**Software Developer Intern**                                    **Sept 2025 - Current**

- Developed and deployed responsive web applications using React, Next.js, and Tailwind CSS, improving load times and user engagement by 35%.
- Engineered scalable RESTful APIs with Node.js, Express, and TypeORM (MySQL), optimizing database queries and reducing response latency by 25%.
- Built cross-platform mobile components in Flutter, accelerating feature rollout and ensuring consistent UI across devices.
- Automated CI/CD workflows with GitHub Actions and Docker, reducing deployment time by 50% and improving release reliability.
- Collaborated with design, QA, and product teams to deliver feature-rich, secure, and high-performance solutions aligned with business goals.

**Patientbond**, India
**Software Engineer**                                            **Jan 2022 - Jan 2024**

- Built a scalable healthcare appointment management platform using the MEAN stack (MongoDB, Express, Angular, Node.js), increasing patient engagement and digital bookings by 45%.
- Architected microservices-based backend systems to decouple services and boost performance, enabling 30% faster feature deployment across multiple healthcare modules.
- Integrated Firebase real-time database and automated notification workflows, reducing appointment conflicts and missed bookings by 40%.
- Executed cloud migration to Google Cloud (GCP) with load balancing and containerized environments, cutting hosting expenses by 20% and improving system uptime.
- Implemented end-to-end HIPAA-compliant security, including JWT authentication, data encryption, and audit logging, ensuring secure and compliant handling of sensitive patient data.

## EDUCATION

**Post Graduation in Full Stack Web Development**               **May 2024 - Dec 2025**
Lambton College, Mississauga
**Bachelor of Technology in Computer Science Engineering**     **Sep 2019 - Jun 2023**
Chitkara University, Rajpura, Punjab, India

## PROJECTS

**Hotel Management System**

- Built a hotel management web app using C#, ASP.NET Core MVC, and SQL Server to handle room bookings, guest check-ins, and billing operations.
- Implemented role-based authentication (Admin, Receptionist, Guest) with ASP.NET Identity to ensure secure access and data integrity.
- Optimized database queries and stored procedures, improving system performance and reducing booking processing time by 30%.