# ADITYA PATIL

Chandler, AZ 85286

📱 +1(480)-930-3237  ✉ adityaapaatil8@gmail.com  in linkedin.com/in/adityap817  ⊙ github.com/adityap817

## Education

**Arizona State University**                                                  **Aug 2024 – May 2026**
*Master of Science in Software Engineering*                                    *Phoenix, AZ*

**Savitribai Phule Pune University**                                          **Aug 2019 – May 2023**
*Bachelor of Engineering in Computer Engineering*                              *8.96 CGPA*

## Relevant Coursework

- Data Structures
- Object Oriented Prog.
- Algorithms Analysis
- Database Management
- Computer Networks
- Software Security
- Systems Programming
- Operating Systems

## Technical Skills

**Programming & Computer Science Fundamentals**: C, C++, Java, Python, JavaScript, Typescript Go, Algorithms
**Web Tech- Libraries & Frameworks**: HTML, CSS, SaSS, React, Express, NodeJS, Angular, Springboot, Restful APIs
**DevOps Tools**: Docker, Kubernetes, Jenkins, Git, GitHub, Linux(Server Administration), Kafka, Gradle, Maven
**Databases**: MongoDB, SQL (Oracle, MySQL, PostgreSQL, MS SQL Server), Firebase, GraphDB, SPARQL
**Cloud Technologies**: AWS(EC2, S3), Microsoft Azure

## Experience

**Veritas Technologies LLC**                                                  **July 2023 – Aug 2024**
*Associate IT Application Specialist*                                          *Pune, India*

- Developed and maintained React JS web applications for the company's product suite, integrating front-end components with backend services using RESTful APIs built with Node.js and Express. Utilized Redux for state management and React Router for navigation, improving user experience, scalability, and performance.
- Managed server infrastructure and deployed applications, ensuring 99.9% uptime and performance across environments. Utilized Linux for server management, performing system monitoring, updates, and troubleshooting.
- Collaborated with cross-functional teams to maintain apps, ensuring smooth operation & resolving technical issues.

**Veritas Technologies LLC**                                                  **Jan 2023 – July 2023**
*IT Intern*                                                                    *Pune, India*

- Contributed to the development of the Database Central Repository (DCR) an application among top 10 projects within the org, centralizing databases, servers, and application-related data.
- Designed and implemented custom dashboards for real-time insights on database and server performance, improving monitoring efficiency by 20%.
- Managed databases including Oracle and MS SQL Server, ensuring data consistency and optimizing performance.

**Eluminous Technologies**                                                    **Feb 2022 – May 2022**
*React Developer Intern*                                                       *Nashik, India*

- Developed and maintained web applications using React, enhancing user interfaces for better performance & scalability.
- Debugged and resolved bugs in existing applications, reducing load times and improving functionality by 15%.
- Utilized React hooks, Context API, and state management libraries for optimized workflows and modular architecture.

## Projects

**Travel Path - ItineraryPlanner** | *ReactJS, JavaScript, FastAPI, GraphDB, SPARQL* | (**View**)

- Developed a scalable web application using **ReactJS** for the front-end, **Firebase** for real-time updates, and **FastAPI** for backend microservices, enabling seamless itinerary planning.
- Integrated semantic knowledge graphs and **SPARQL** queries with **GraphDB**, leveraging GNIS-LD datasets to deliver personalized, context-aware travel itineraries tailored to user preferences.
- Implemented real-time communication between the front-end and backend using a Uvicorn orchestrator and socket communication, enabling on-the-go itinerary adjustments and enhancing adaptable travel planning.

**GoText - Messenger** | *ReactJS, Firebase, JavaScript, Material UI*

- Developed a React based messenger featuring Google Authentication for secure user access and real-time messaging capabilities.
- Implemented a robust messaging system where messages are stored in Firebase Firestore with proper timestamps and unique IDs, ensuring organized and efficient data management.

## Leadership / Extracurricular

**Association of Computer Engineering**                                       **Mar 2022 – Jun 2022**
*Technical Secretary - Strong leadership, communication, and team collaboration skills*    *ADYPSOE, Pune*