

Abhay Soni

New Jersey | +1(862)-317-6711 | as37030n@pace.edu | [linkedin.com/in/abhay-soni-369a131b6](https://www.linkedin.com/in/abhay-soni-369a131b6) | <https://github.com/abhaysoni1>

EDUCATION

Master of Science, Computer Science ,Pace University, New York, New York,USA | GPA: 3.97/4 **May 2025**

Coursework: Database Management Systems, Full Stack Enterprise Development, Mobile Web App Development, Algorithms and Computing Theory, Data Structures and Algorithms, Python Programming, Internet Computing

B.Tech, Computer Science and Engineering, Shri Vaishnav Vidyapeeth Vishwavidyalaya, India **July 2022**

TECHNICAL SKILLS

Languages/ Frameworks/Libraries: Java, Python, JavaScript, ReactJS, Angular 6+, Node.js, SpringBoot, JSON, HTML, Microservices

DevOps & Automation: Docker, Kubernetes, Jenkins (CI/CD Pipelines), REST API, Git/GitHub/GitLab, AWS

Database Management: PostgreSQL, MySQL, MongoDB, SQL Server, DynamoDB

Certifications and Achievements: [Introduction to Quantum Computing Cognitive Class](#)(IBM), [IBM Data Science Practitioner](#)

PROFESSIONAL EXPERIENCE

Affimintus Technologies | Associate Software Engineer **July 2022 – August 2023**

- Built backend services for an e-commerce platform using **Java** and **Spring Boot**, optimizing API response times by 20% through caching (Redis) and query optimization.
- Enhanced the user experience and improved accessibility on dashboards by implementing a responsive UI with **ReactJS**, increasing user engagement by 15%.
- Ensured secure data handling for 1,000+ concurrent users with JWT authentication, SSL encryption, and load balancing.
- Increased order data processing efficiency by 25% through indexing and **query optimization in MySQL**.
- Leveraged **Git & GitHub** for collaborative version control, for seamless project integration and maintaining a robust codebase.
- Conducted **rigorous testing using JUnit and Sonar** to ensure code reliability, achieving 80% code coverage, and implemented data integration and validation to enhance data quality, resulting in a 20% reduction in bug-related issues.

IBM | Intern **January 2022 – May 2022**

- Developed AI-powered model for healthcare application using **Python, SVM** and **SkLearn**, improving predictive accuracy by 20%.
- Implemented **robust data encryption** protocols to secure PII data for customers, along with multi-layered authentication and authorization mechanisms, enhancing user data protection and compliance with auth 2.0 machine to machine authorization.
- Reduced diagnostic errors by 20% through systematic debugging and application of **data optimization techniques**. Followed SDLC best practices in project workflow, applying Agile methodologies to enhance collaboration and improve team efficiency.

Affimintus Technologies | Software Engineer Intern **May 2021 – November 2021**

- Developed and managed over 10 **RESTful APIs** and **microservices**, improving interoperability and reducing data exchange errors by 25% using JSON and XML formats.
- Collaborated with 2-3 cross-functional teams to support alignment of development with business objectives, applying **Agile** and **Scrum methodologies** to contribute to iterative improvements and faster delivery.

ACADEMIC/PERSONAL PROJECTS

RideEase | Role: Lead Developer **January 2025 – March 2025**

(Technologies Used: React, Firebase, Node.js, Google Maps API, Payment Gateway Integration, AWS EC2 Cloud)

- Ride-sharing platform with real-time tracking, instant/scheduled bookings, secure payments, and customer support.
- Drivers can manage profiles, track earnings, accept/decline rides, and communicate via in-app messaging.

Ghor-kalyug | Study Resource & Quiz Platform | Role: Team Leader (Live)(Github) **November 2024 – December 2024**

(Technologies: TypeScript, Express.js, MongoDB Database, LLM powered,AI/ML,Firebase Authentication, Docker,Kubernetes)

- A Dual-portal system enabling professors to upload materials and create AI-generated quizzes with an LLM API.
- Students can view notes, complete quizzes, monitor their progress, and get personalized learning feedback.
- Offers an intuitive interface, secure login, and stores data on quiz performance and user progress.

Buildyoufit (Github) **October 2024 – November 2024**

(Technologies: React Native,Firebase Authentication, JavaScript, Expo Go)

- Tracks workouts, step count, and caloric intake/expenditure based on body metrics.
- Allows users to create personalized workout routines, learn exercises, and receive daily reminders.
- Stores user data securely in Firebase Database for tracking progress.

Harvest Hub | Role: Team Leader **February 2024 – May 2024**

(Technologies: Angular, HTML, CSS, JavaScript, Java, Ajax, MySQL, API Integration)

- A platform enabling direct transactions between buyers and sellers through contracts and bidding for bulk commodity sales.
- Features live commodity prices sourced from government APIs, helping farmers make informed decisions.